

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000079.D
 Acq On : 13 Feb 2018 16:54
 Operator : JC/MD
 Sample : MDL04 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL04 2.00PPB

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:03 PM

Quant Time: Feb 14 03:32:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	105419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166962	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	157607	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	53040	48.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	42894	44.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.00%	
50) Toluene-d8	8.73	98	162787	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
62) 4-Bromofluorobenzene	11.15	95	64849	43.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	1938	2.03	ug/l	95
3) Chloromethane	1.33	50	2143	2.20	ug/l	91
4) Vinyl Chloride	1.41	62	2242	2.05	ug/l	100
5) Bromomethane	1.65	94	2258	3.86	ug/l	96
6) Chloroethane	1.73	64	1826	2.77	ug/l	93
7) Trichlorofluoromethane	1.93	101	4026	2.11	ug/l	99
8) Diethyl Ether	2.20	74	1528	2.21	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2431	2.25	ug/l	92
10) Methyl Iodide	2.52	142	1788	3.02	ug/l	96
11) Tert butyl alcohol	3.07	59	5576	12.65	ug/l	96
12) 1,1-Dichloroethene	2.38	96	2122	2.07	ug/l	98
13) Acrolein	2.29	56	2284	10.10	ug/l #	80
14) Allyl chloride	2.73	41	3317	1.86	ug/l	93
15) Acrylonitrile	3.15	53	8491	11.06	ug/l	97
16) Acetone	2.45	43	8847	13.57	ug/l	92
17) Carbon Disulfide	2.57	76	5573	1.87	ug/l	97
18) Methyl Acetate	2.79	43	4194	2.55	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	7285	2.08	ug/l	96
20) Methylene Chloride	2.87	84	2407	2.20	ug/l	97
21) trans-1,2-Dichloroethene	3.18	96	2238	2.03	ug/l	87
22) Diisopropyl ether	3.88	45	6524	2.22	ug/l #	98
23) Vinyl Acetate	3.84	43	29236	10.99	ug/l	99
24) 1,1-Dichloroethane	3.71	63	4101	2.24	ug/l	98
25) 2-Butanone	4.72	43	12155	12.35	ug/l	95
26) 2,2-Dichloropropane	4.59	77	3102	1.98	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	2139	1.98	ug/l	90
28) Bromochloromethane	5.03	49	621	1.02	ug/l #	85
29) Tetrahydrofuran	5.18	42	7931	11.76	ug/l	94
30) Chloroform	5.22	83	3640	1.97	ug/l	99
31) Cyclohexane	5.58	56	2967	1.97	ug/l #	84
32) 1,1,1-Trichloroethane	5.50	97	3331	1.92	ug/l	97
36) 1,1-Dichloropropene	5.81	75	3177	2.19	ug/l	93
37) Ethyl Acetate	4.88	43	4104	2.19	ug/l	97
38) Carbon Tetrachloride	5.79	117	3170	1.94	ug/l #	82

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	3637	2.06	ug/l	96
40) Benzene	6.16	78	8382	2.04	ug/l	96
41) Methacrylonitrile	5.07	41	2269	2.35	ug/l	91
42) 1,2-Dichloroethane	6.21	62	3168	2.16	ug/l	79
43) Isopropyl Acetate	6.48	43	5480	1.94	ug/l	98
44) Trichloroethene	7.22	130	2415	1.90	ug/l	99
45) 1,2-Dichloropropane	7.53	63	2135	2.14	ug/l	98
46) Dibromomethane	7.67	93	1552	2.01	ug/l	97
47) Bromodichloromethane	7.91	83	2992	2.00	ug/l #	87
48) Methyl methacrylate	7.79	41	2885	2.08	ug/l	91
49) 1,4-Dioxane	7.77	88	1365	36.89	ug/l #	81
51) 4-Methyl-2-Pentanone	8.66	43	19955	10.12	ug/l	96
52) Toluene	8.79	92	5294	1.92	ug/l	94
53) t-1,3-Dichloropropene	8.45	75	3405	1.94	ug/l	94
54) cis-1,3-Dichloropropene	9.05	75	3141	1.84	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	2351	2.03	ug/l	92
56) Ethyl methacrylate	9.19	69	3209	1.81	ug/l	88
57) 1,3-Dichloropropane	9.38	76	3824	2.12	ug/l	97
59) 2-Hexanone	9.51	43	16980	10.59	ug/l	100
60) Dibromochloromethane	9.59	129	2119	1.59	ug/l	98
61) 1,2-Dibromoethane	9.68	107	2492	1.95	ug/l	97
64) Tetrachloroethene	9.35	164	1985	1.69	ug/l	85
65) Chlorobenzene	10.15	112	6806	2.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	2259	1.92	ug/l #	66
67) Ethyl Benzene	10.26	91	10844	2.00	ug/l	98
68) m/p-Xylenes	10.37	106	8149	3.77	ug/l	92
69) o-Xylene	10.71	106	4045	1.94	ug/l	98
70) Styrene	10.72	104	6246	1.77	ug/l	96
71) Bromoform	10.87	173	1707	1.53	ug/l #	94
73) Isopropylbenzene	11.02	105	11157	2.03	ug/l	97
74) N-amyl acetate	6.48	43	5480	1.99	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	3687	1.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	3575m	2.19	ug/l	
77) Bromobenzene	11.26	156	2850	1.91	ug/l	91
78) n-propylbenzene	11.37	91	13054	2.05	ug/l	98
79) 2-Chlorotoluene	11.43	91	7589	2.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	8910	1.93	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	990m	1.50	ug/l	
82) 4-Chlorotoluene	11.52	91	8852	2.01	ug/l	99
83) tert-Butylbenzene	11.78	119	9260	1.99	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	9330	1.98	ug/l	99
85) sec-Butylbenzene	11.96	105	11528	2.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	9891	1.92	ug/l	96
87) 1,3-Dichlorobenzene	12.04	146	5442	1.93	ug/l	97
88) 1,4-Dichlorobenzene	12.11	146	5886m	2.04	ug/l	
89) n-Butylbenzene	12.40	91	9692	2.01	ug/l	99
90) Hexachloroethane	12.60	117	1547	1.72	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	5531	2.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1093	2.04	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	4138	1.96	ug/l	93

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MDL04 2.00PPB

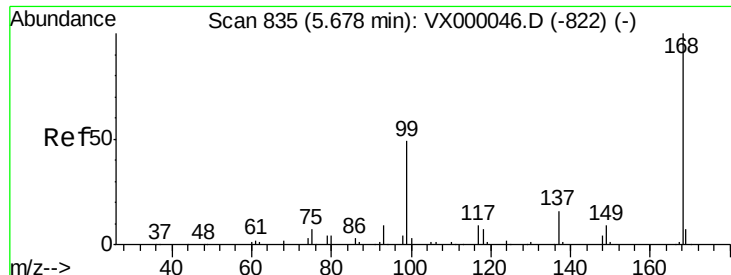
Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	1949	1.96	ug/l	90
95) Naphthalene	13.84	128	13648	1.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	3902	1.90	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion:168 Resp: 105419

Ion Ratio Lower Upper

168 100

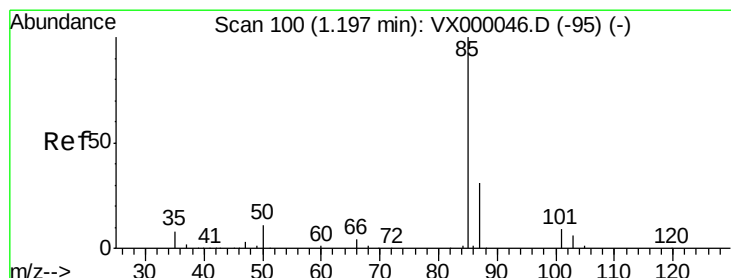
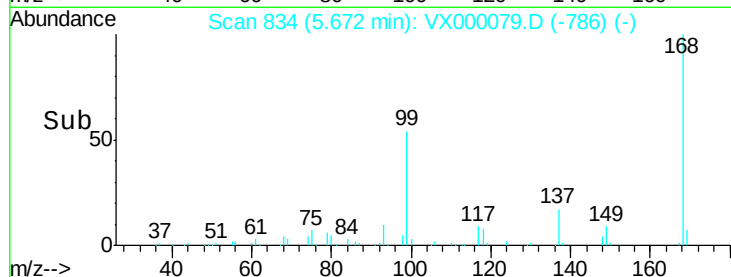
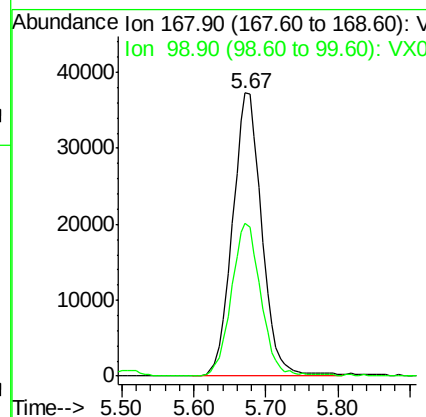
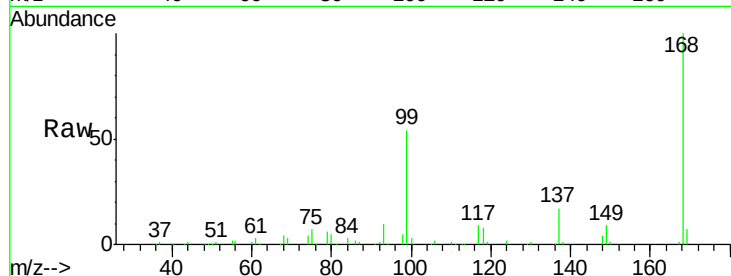
99 53.9 39.4 59.2

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#2

Dichlorodifluoromethane

Concen: 2.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000079.D

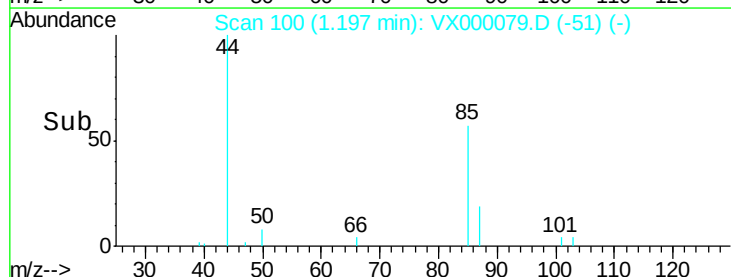
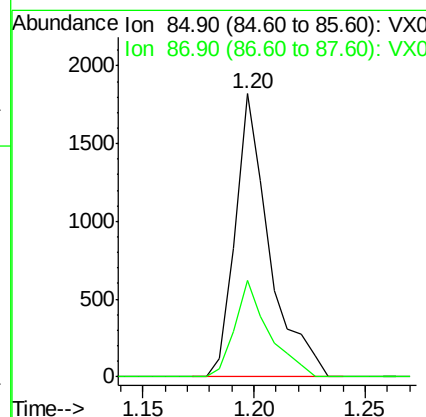
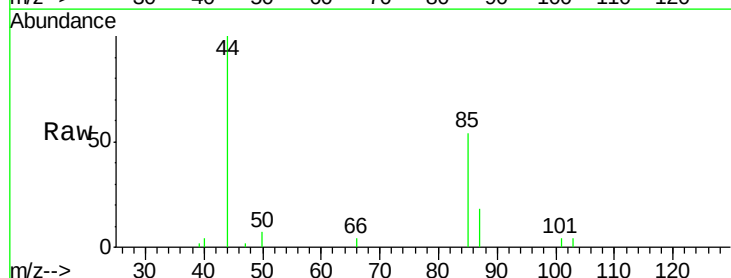
Acq: 13 Feb 2018 16:54

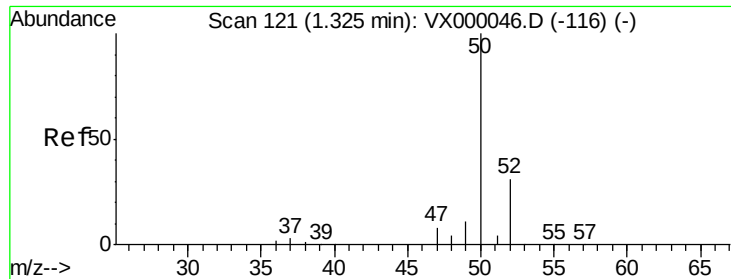
Tgt Ion: 85 Resp: 1938

Ion Ratio Lower Upper

85 100

87 34.2 15.7 47.0





#3

Chloromethane

Concen: 2.20 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 50 Resp: 2143

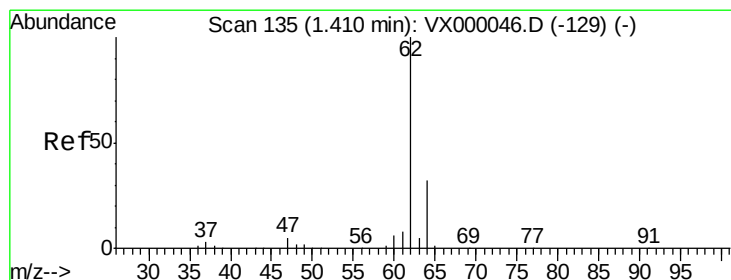
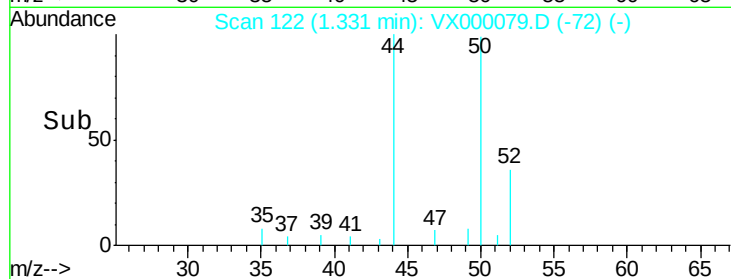
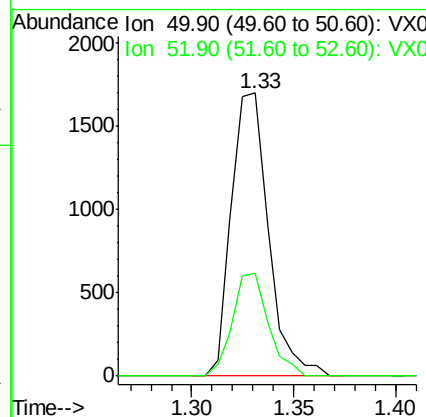
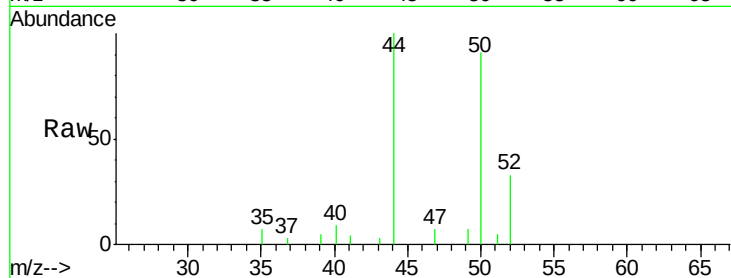
Ion Ratio Lower Upper

50 100

52 36.3 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 2.05 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000079.D

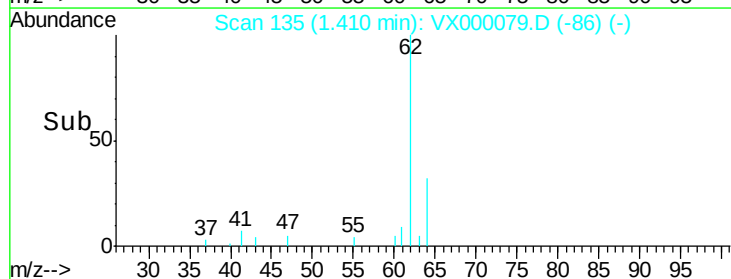
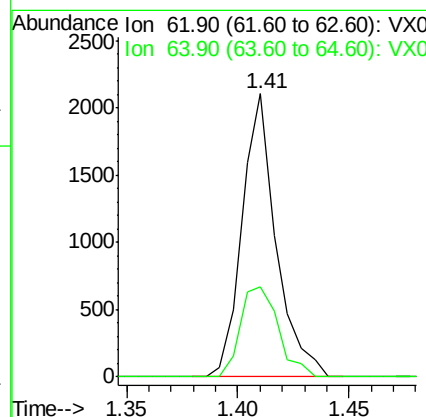
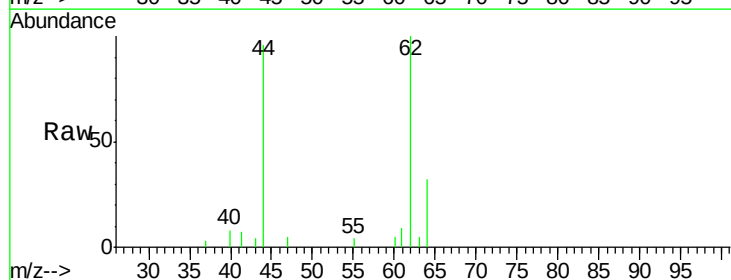
Acq: 13 Feb 2018 16:54

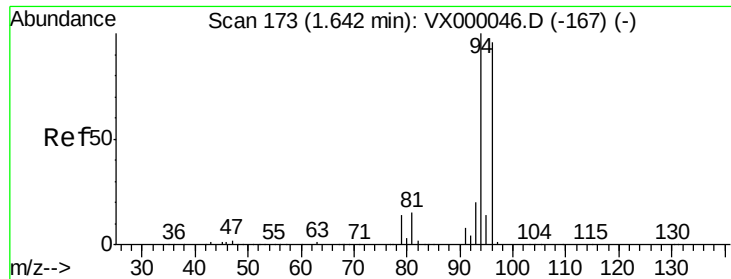
Tgt Ion: 62 Resp: 2242

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 3.86 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 94 Resp: 2258

Ion Ratio Lower Upper

94 100

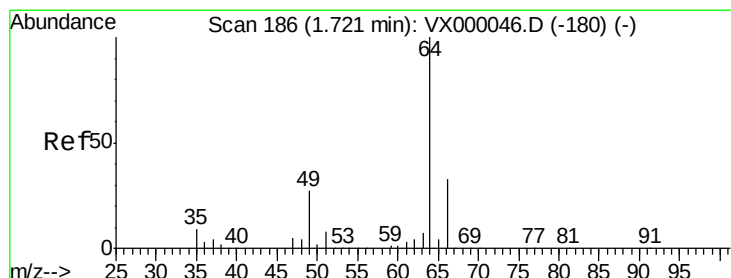
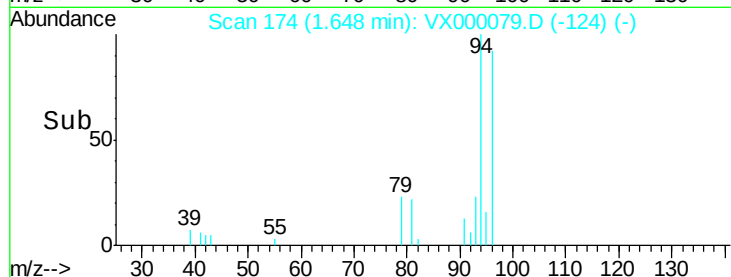
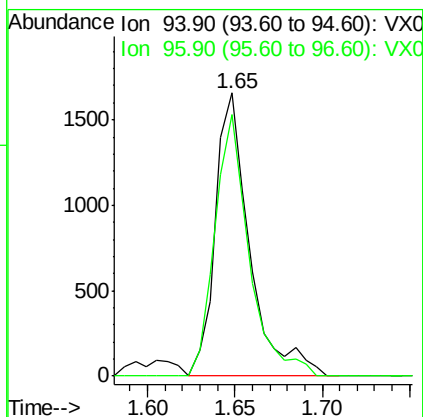
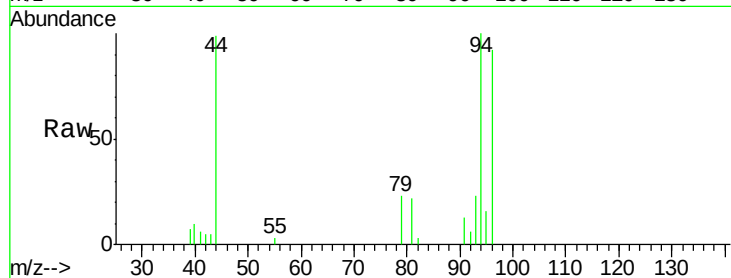
96 92.3 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 2.77 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000079.D

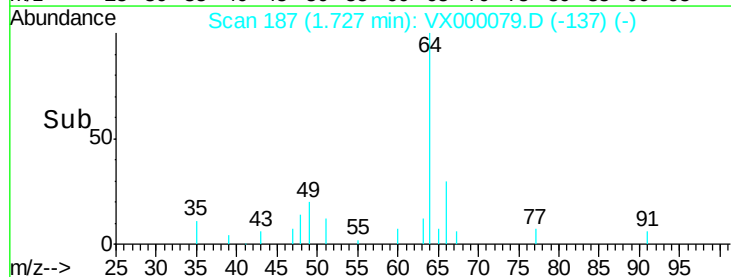
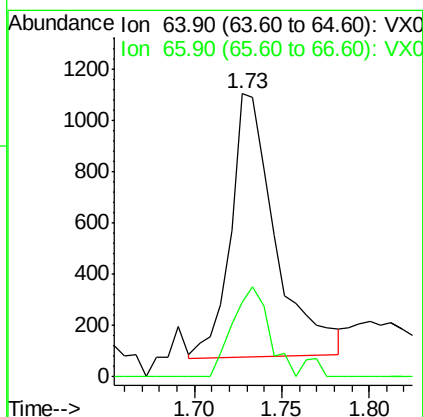
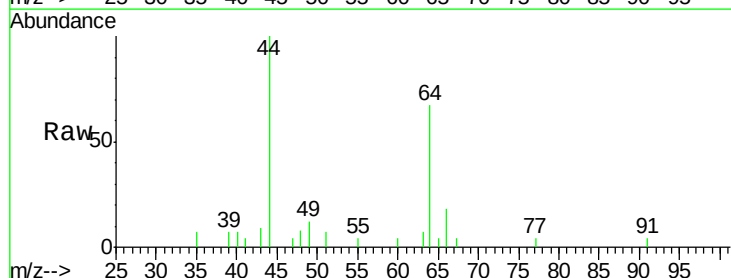
Acq: 13 Feb 2018 16:54

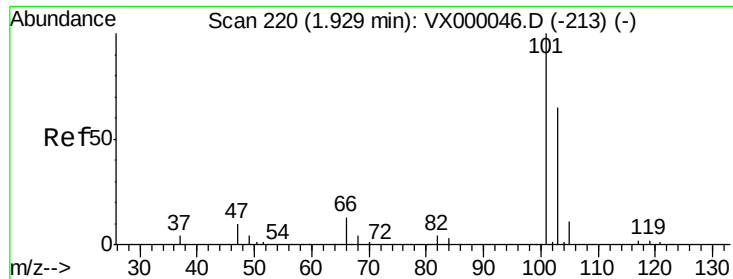
Tgt Ion: 64 Resp: 1826

Ion Ratio Lower Upper

64 100

66 28.9 26.4 39.6





#7

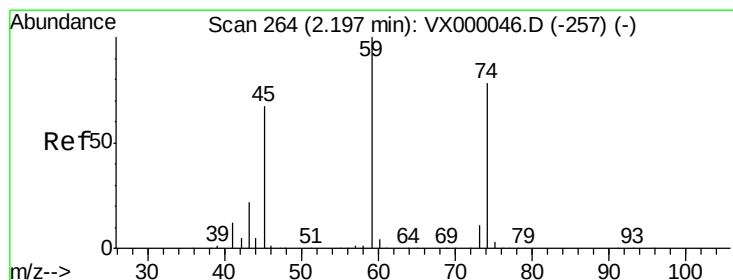
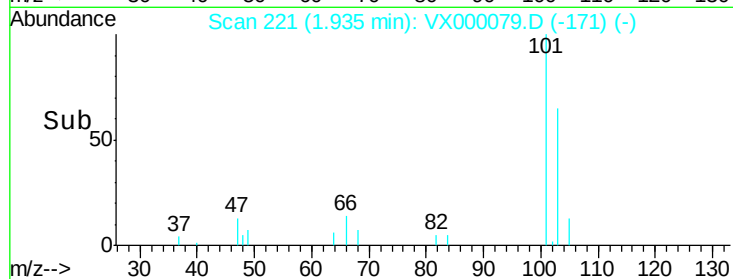
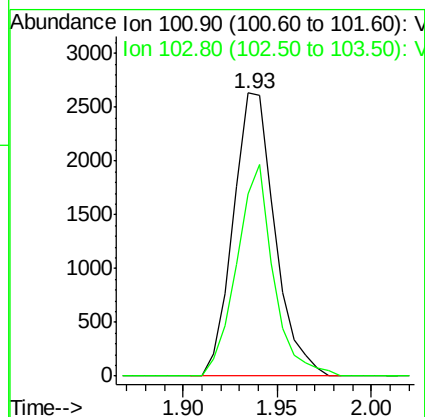
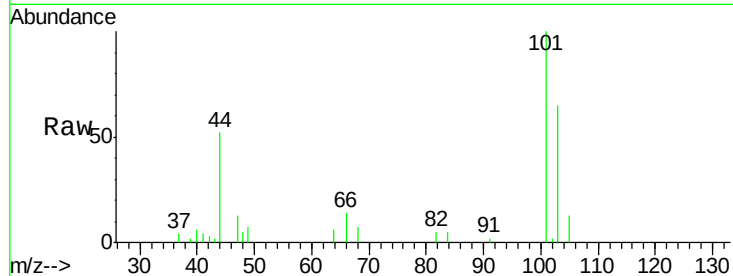
Trichlorofluoromethane
Concen: 2.11 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion:101 Resp: 4026
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

Manual Integrations
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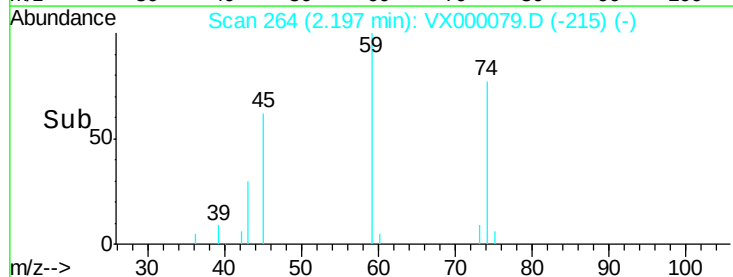
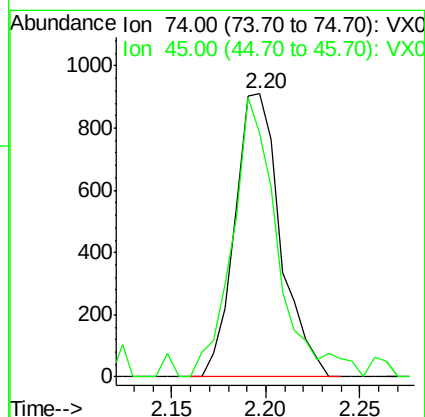
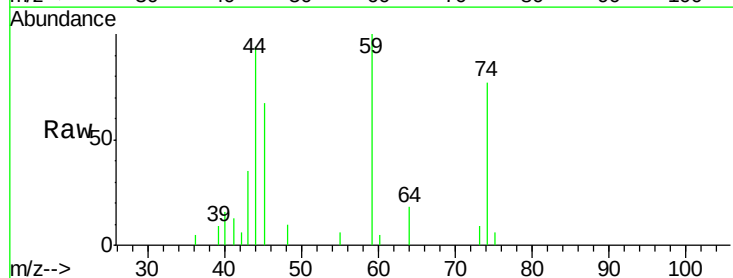
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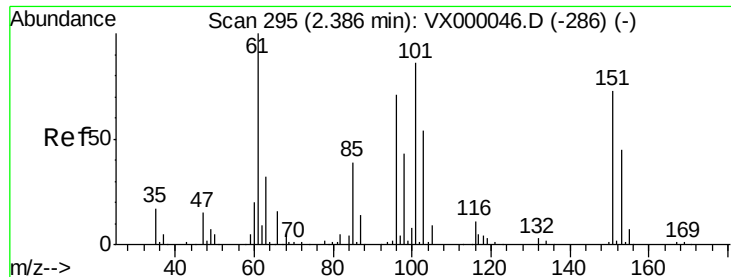


#8

Diethyl Ether
Concen: 2.21 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion: 74 Resp: 1528
Ion Ratio Lower Upper
74 100
45 97.8 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.25 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

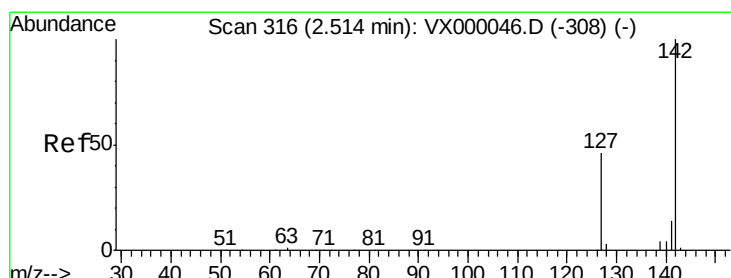
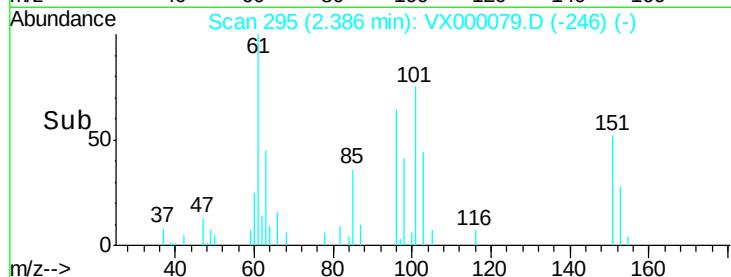
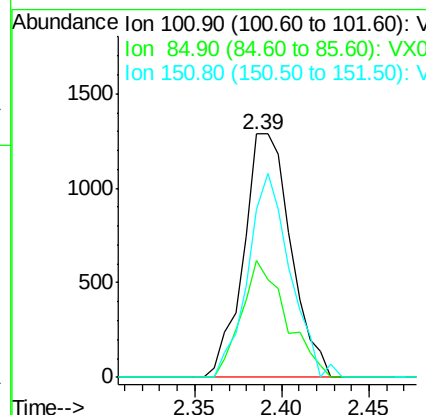
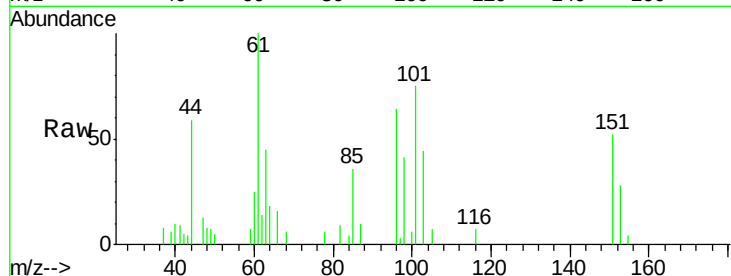
ClientSampled :

MDL04 2.00PPB

Tot Ion:	101	Resp:	2431
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.6	54.8
151	74.1	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 3.02 ug/l

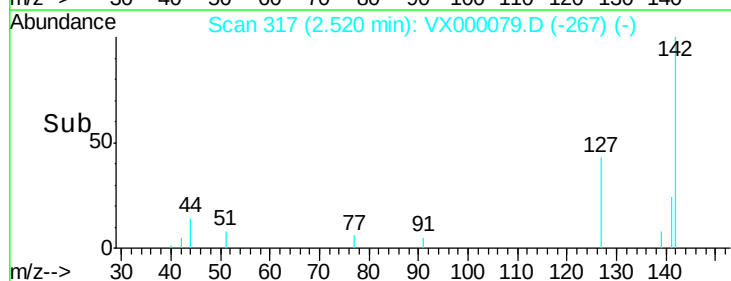
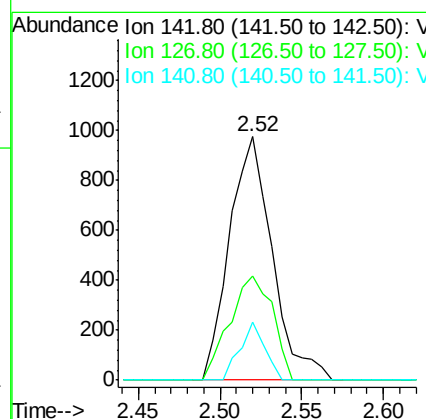
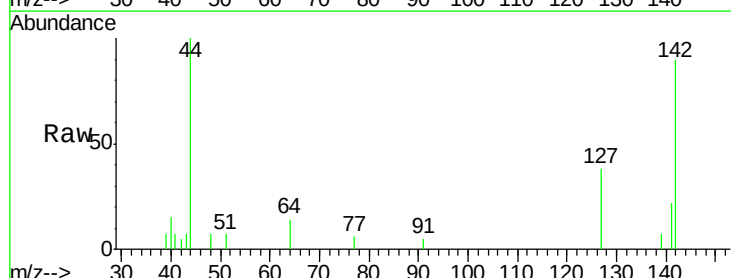
RT: 2.52 min Scan# 317

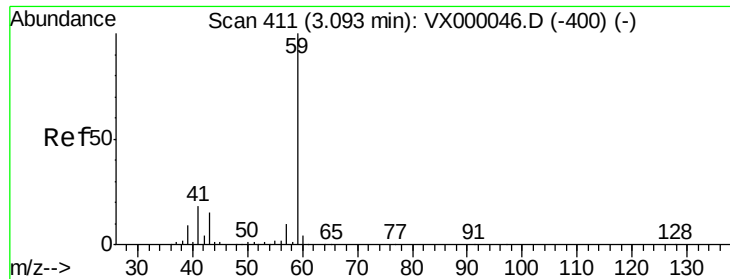
Delta R.T. 0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	142	Resp:	1788
Ion Ratio	Lower	Upper	
142	100		
127	42.8	36.8	55.2
141	13.7	11.4	17.0





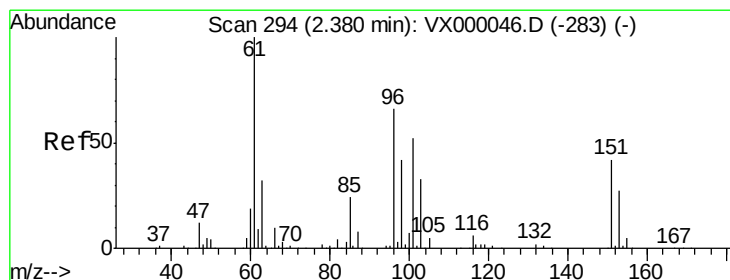
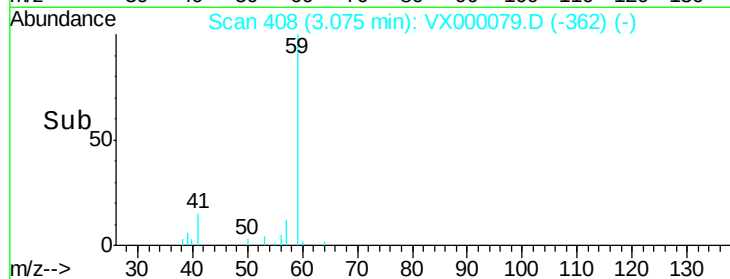
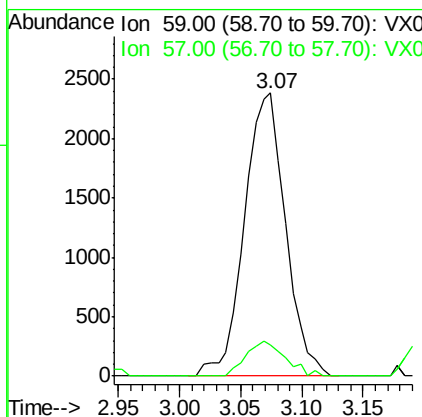
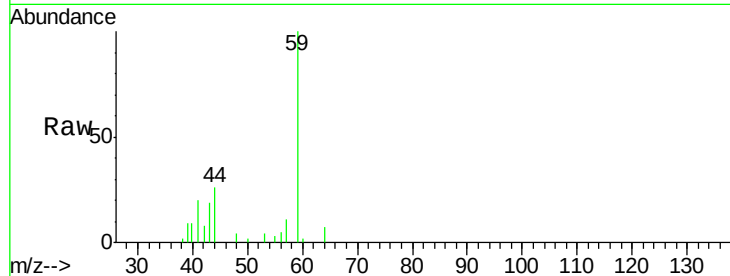
#11
Tert butyl alcohol
Concen: 12.65 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion: 59 Resp: 5576
Ion Ratio Lower Upper
59 100
57 11.9 8.4 12.6

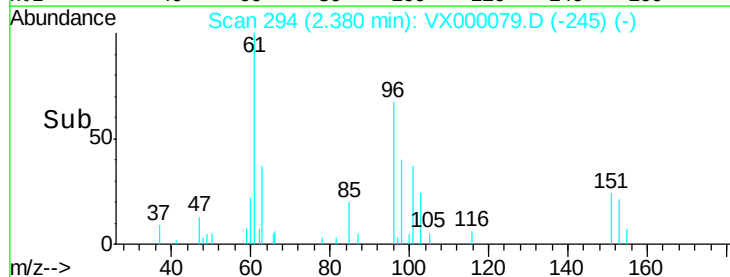
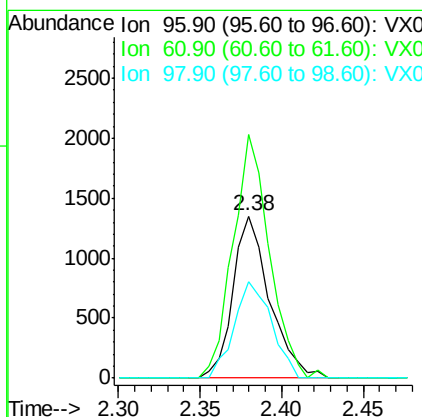
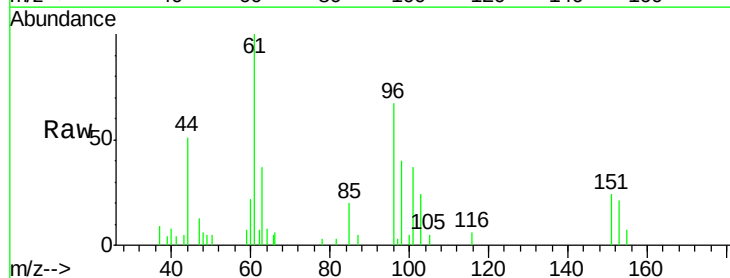
Manual Integrations
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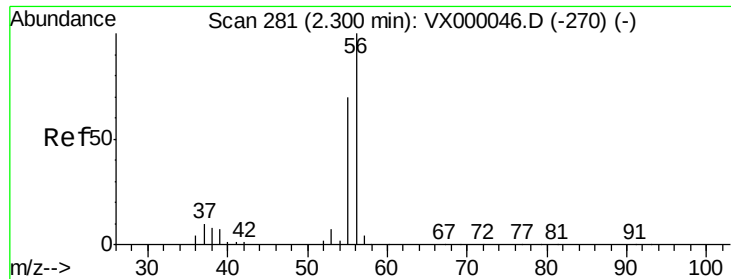
MMDadoda
2/16/2018 2:28:03 PM



#12
1,1-Dichloroethene
Concen: 2.07 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion: 96 Resp: 2122
Ion Ratio Lower Upper
96 100
61 150.0 120.3 180.5
98 59.3 51.0 76.4





#13

Acrolein

Concen: 10.10 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 56 Resp: 2284

Ion Ratio Lower Upper

56 100

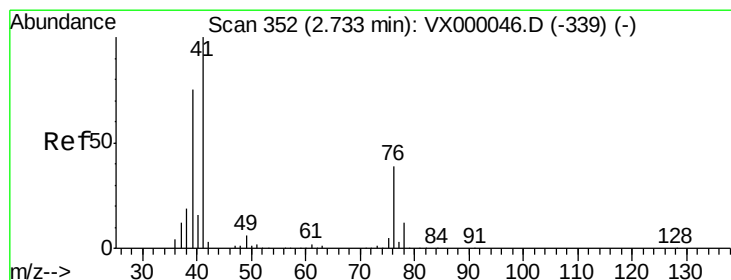
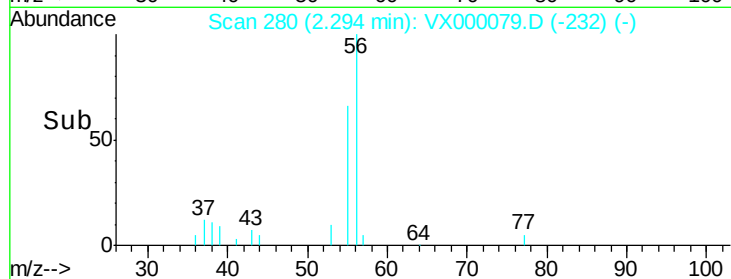
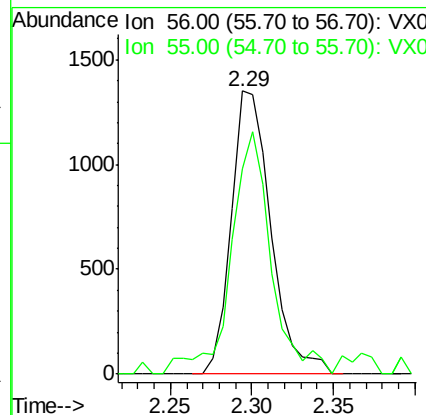
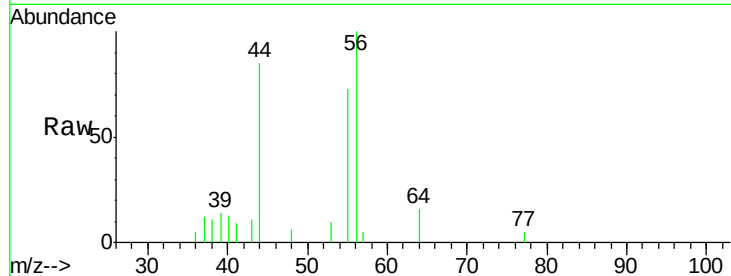
55 86.6 56.4 84.6#

Manual Integrations

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#14

Allyl chloride

Concen: 1.86 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

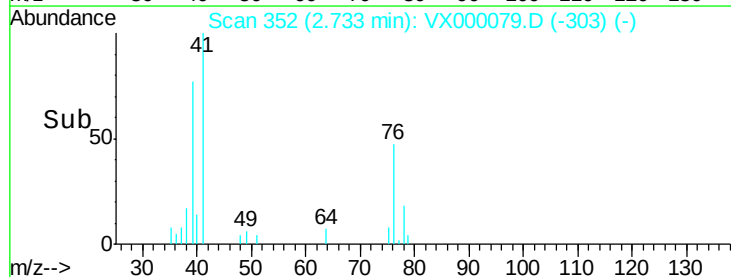
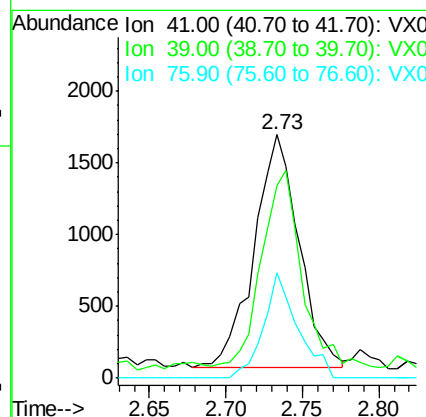
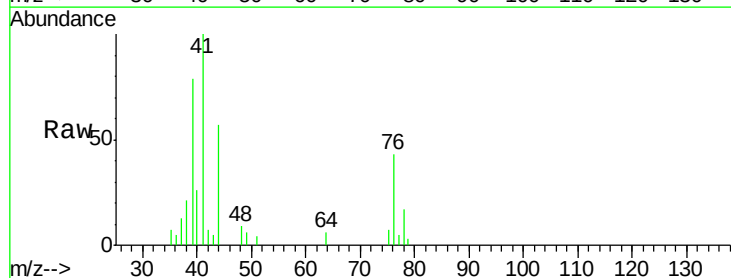
Tgt Ion: 41 Resp: 3317

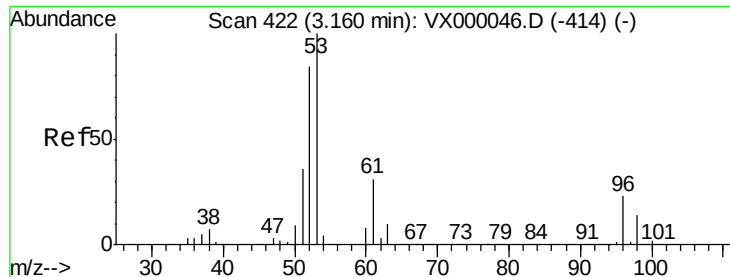
Ion Ratio Lower Upper

41 100

39 77.3 55.8 83.6

76 34.3 28.7 43.1





#15

Acrylonitrile

Concen: 11.06 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

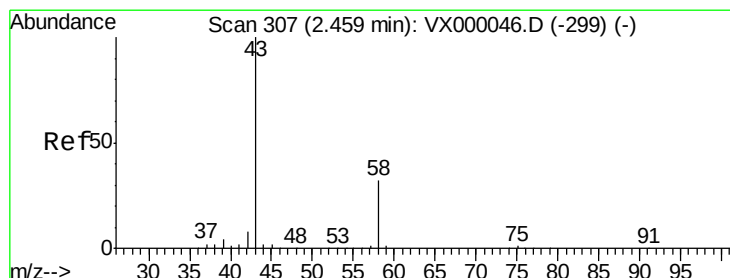
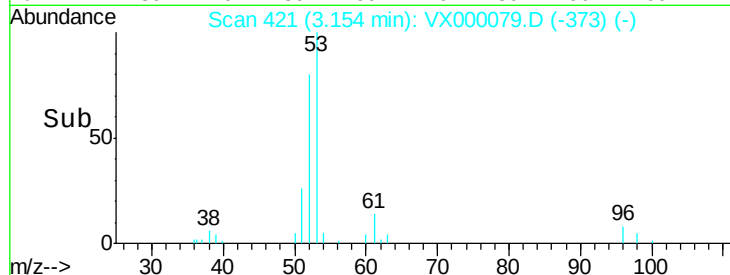
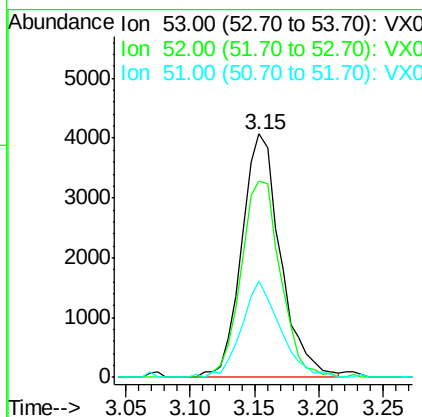
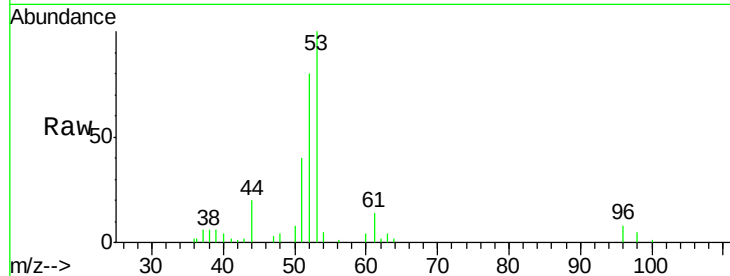
ClientSampled :

MDL04 2.00PPB

Tot Ion:	53	Resp:	8491
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.5	99.7
51	39.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 13.57 ug/l

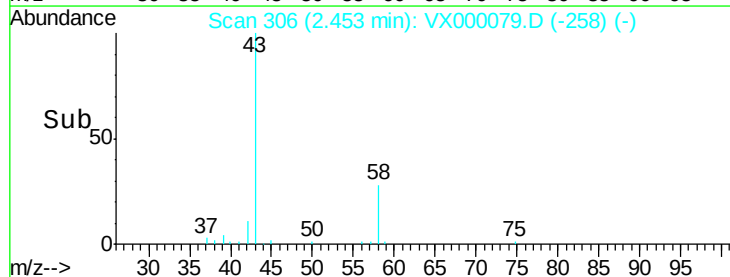
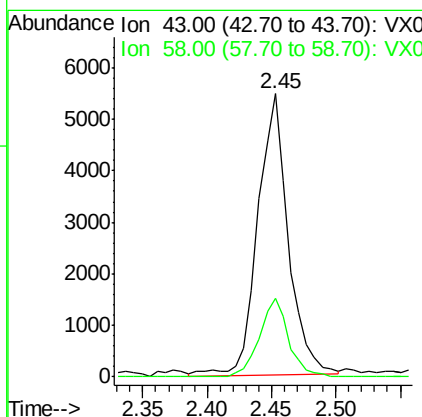
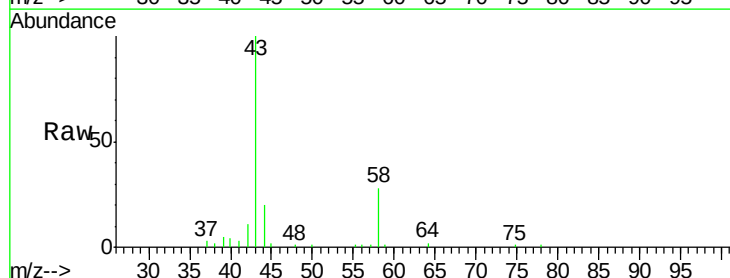
RT: 2.45 min Scan# 306

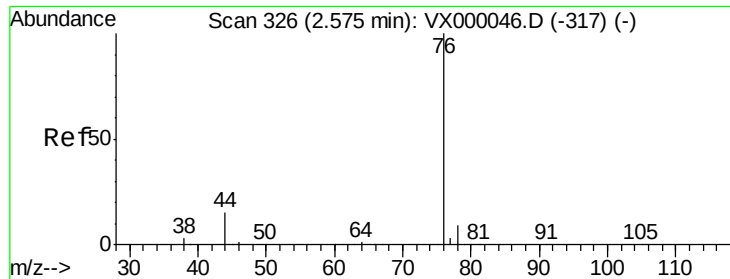
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	43	Resp:	8847
Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.9	38.9





#17

Carbon Disulfide

Concen: 1.87 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 76 Resp: 5573

Ion Ratio Lower Upper

76 100

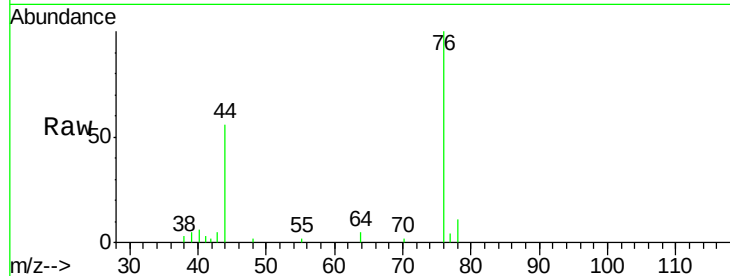
78 10.7 7.5 11.3

Manual Integrations

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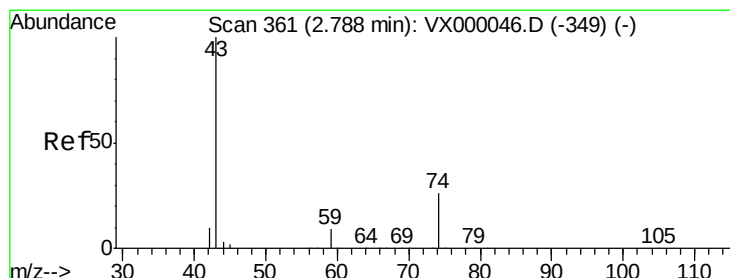
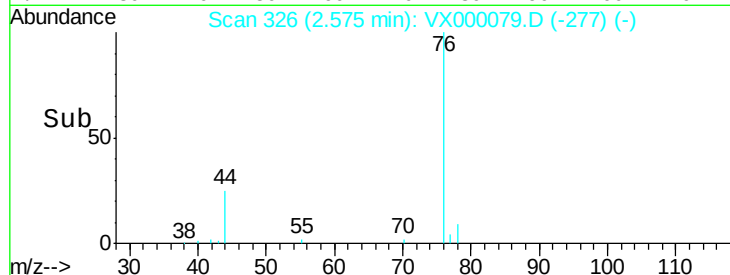
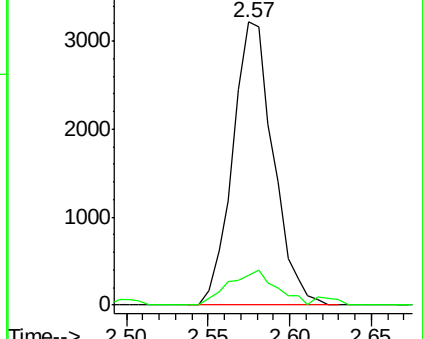
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 2.55 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000079.D

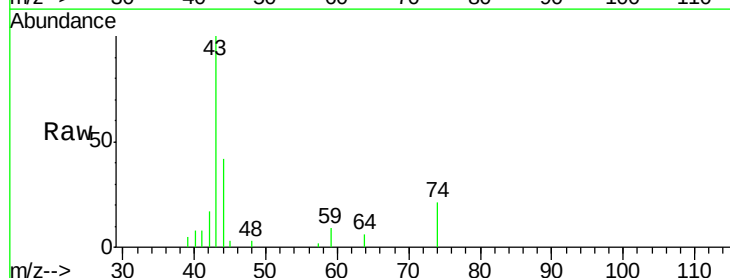
Acq: 13 Feb 2018 16:54

Tgt Ion: 43 Resp: 4194

Ion Ratio Lower Upper

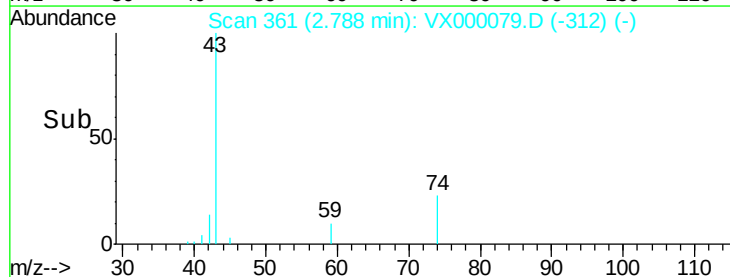
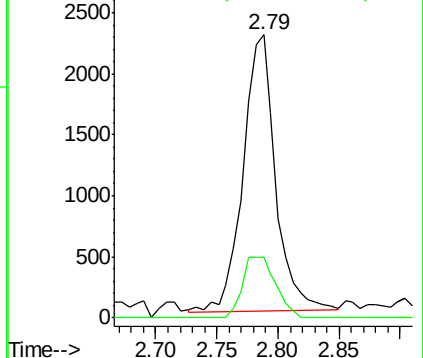
43 100

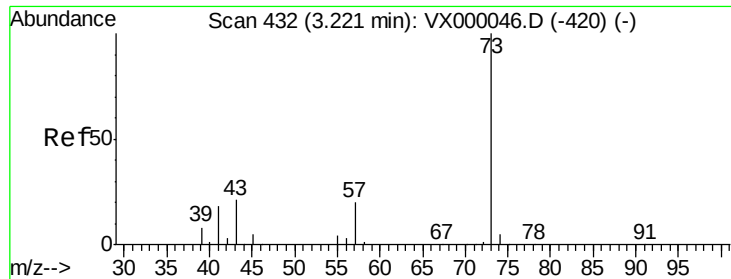
74 22.4 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

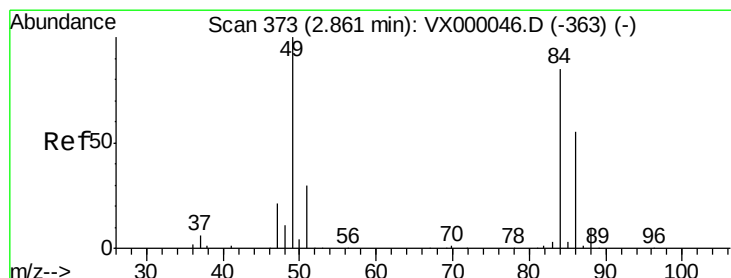
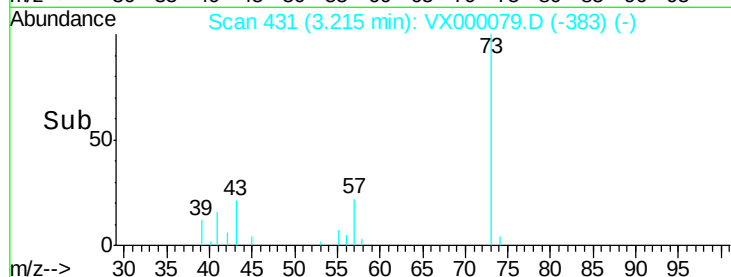
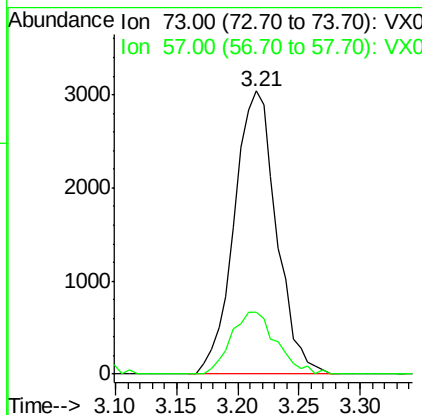
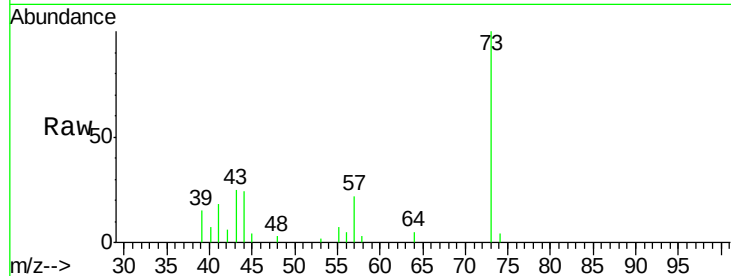
Methyl tert-butyl Ether
 Concen: 2.08 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion: 73 Resp: 7285
 Ion Ratio Lower Upper
 73 100
 57 22.0 16.2 24.4

Manual Integrations
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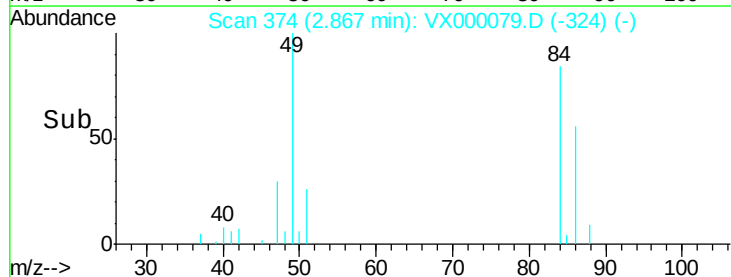
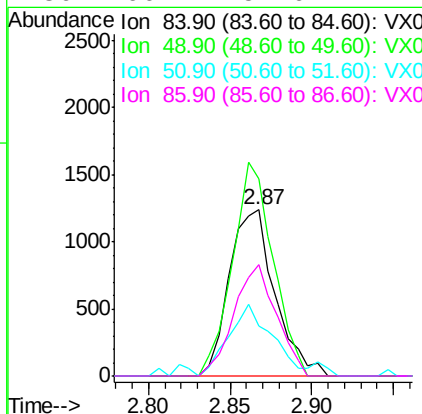
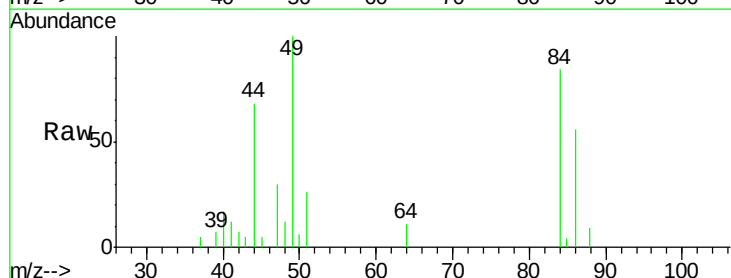
MMDadoda
 2/16/2018 2:28:03 PM

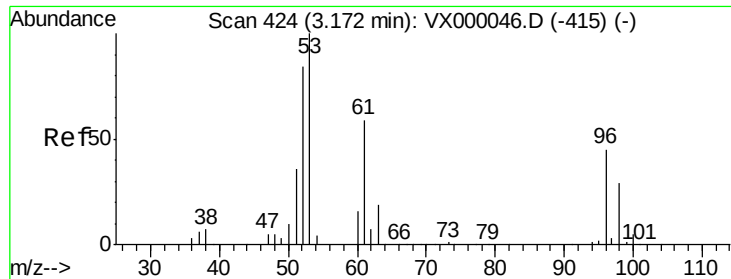


#20

Methylene Chloride
 Concen: 2.20 ug/l
 RT: 2.87 min Scan# 374
 Delta R.T. 0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion: 84 Resp: 2407
 Ion Ratio Lower Upper
 84 100
 49 118.9 94.4 141.6
 51 30.4 28.3 42.5
 86 66.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.03 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

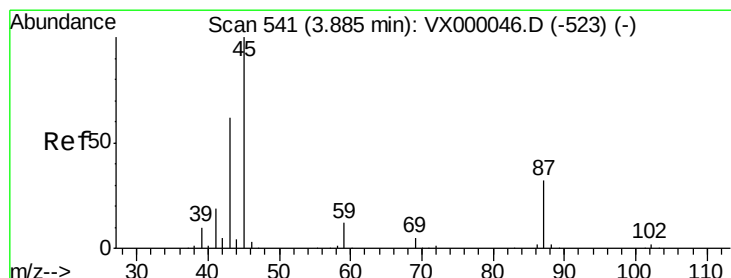
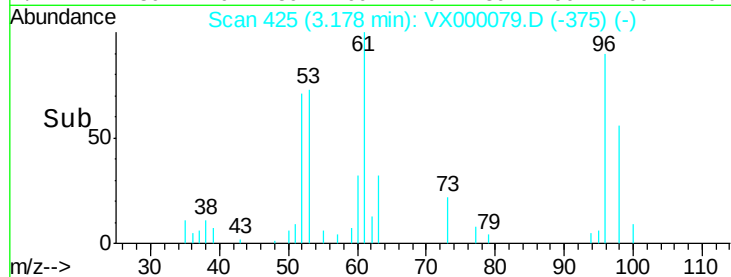
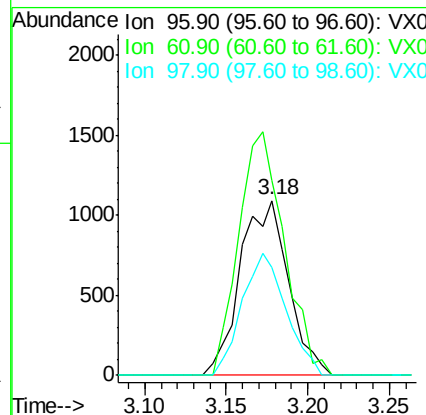
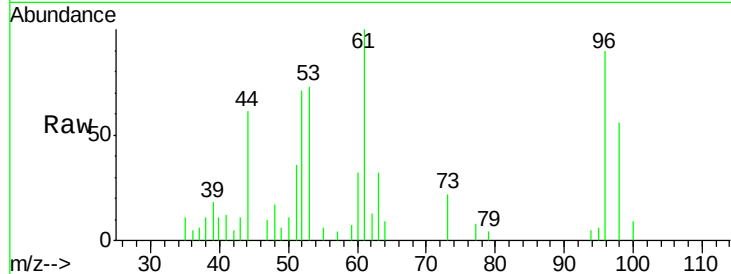
ClientSampled :

MDL04 2.00PPB

Tot Ion:	96	Resp:	2238
Ion	Ratio	Lower	Upper
96	100		
61	111.4	104.9	157.3
98	61.9	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 2.22 ug/l

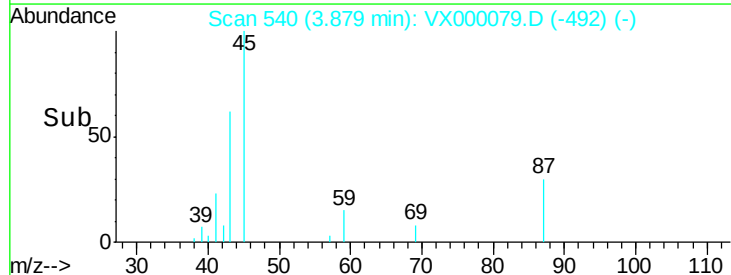
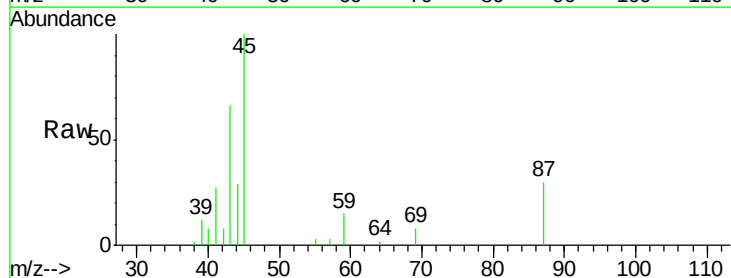
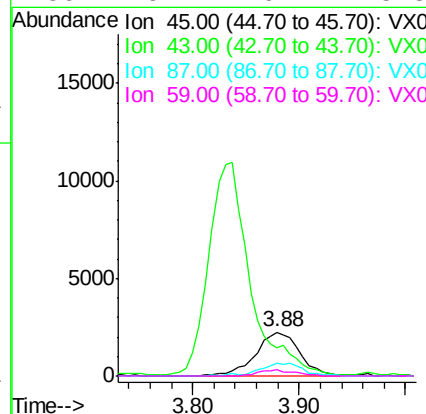
RT: 3.88 min Scan# 540

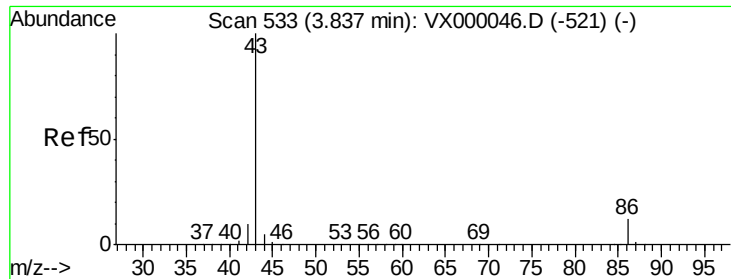
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	45	Resp:	6524
Ion	Ratio	Lower	Upper
45	100		
43	61.7	49.6	74.4
87	30.2	25.9	38.9
59	15.2	9.2	13.8#





#23

Vinyl Acetate

Concen: 10.99 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 43 Resp: 29236

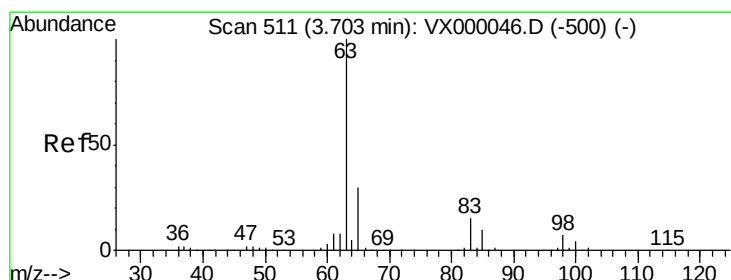
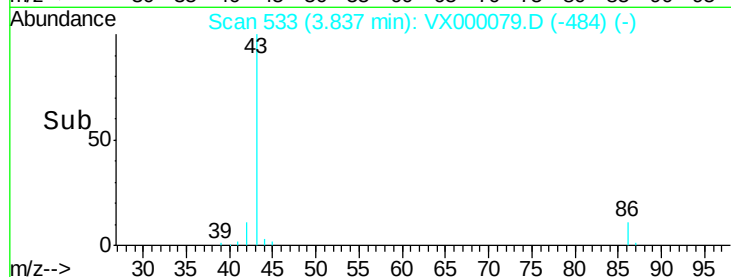
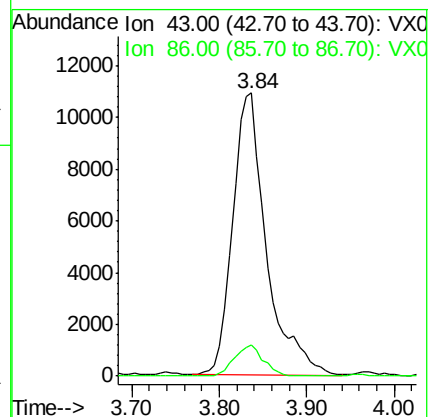
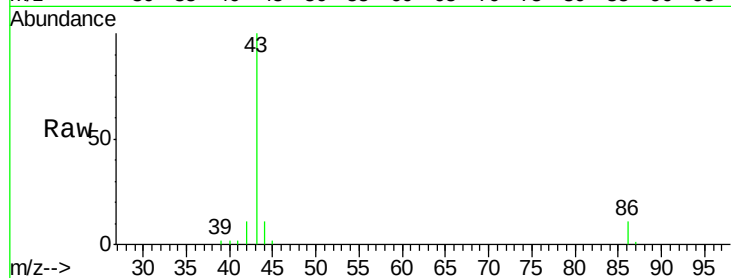
Ion Ratio Lower Upper

43 100

86 11.3 9.3 13.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 2.24 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

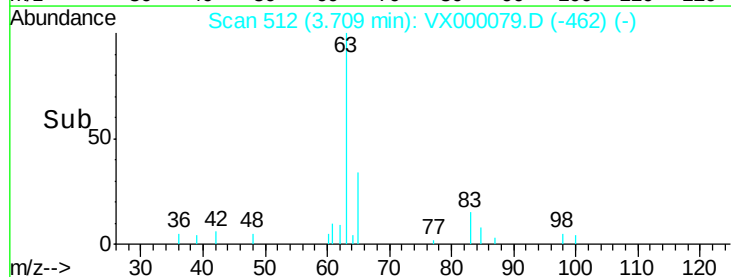
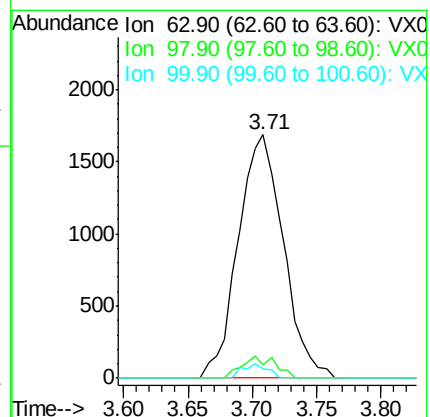
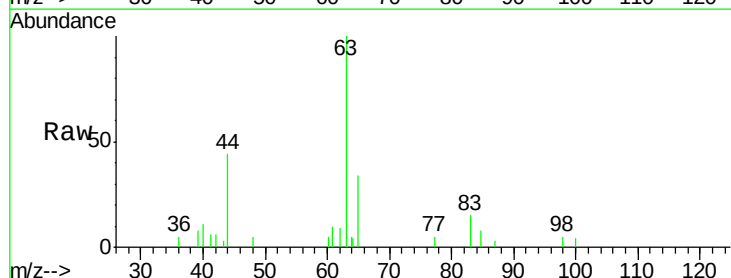
Tgt Ion: 63 Resp: 4101

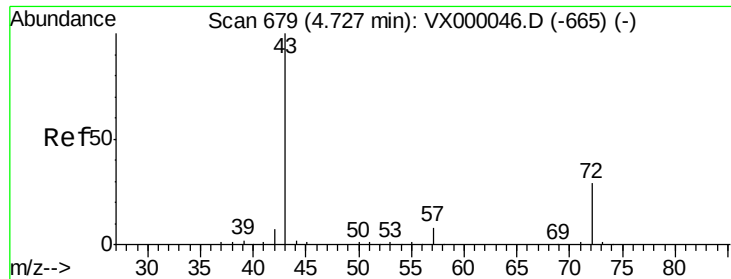
Ion Ratio Lower Upper

63 100

98 5.4 3.3 9.9

100 4.0 2.1 6.2





#25

2-Butanone

Concen: 12.35 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 43 Resp: 12155

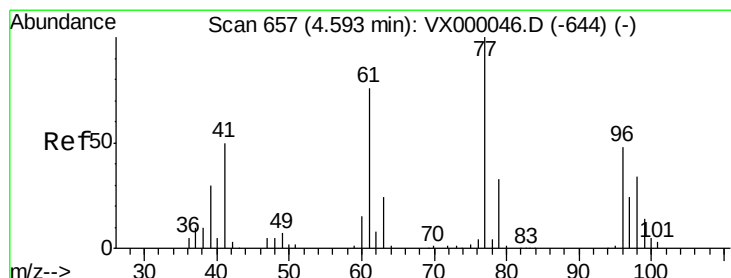
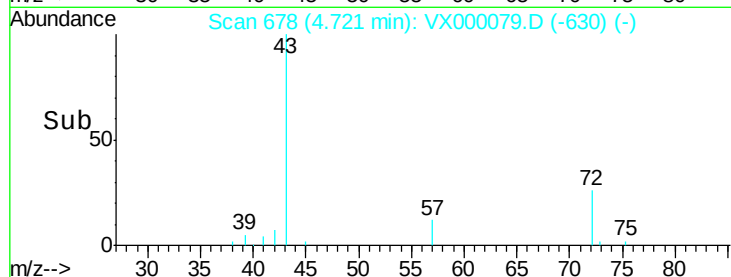
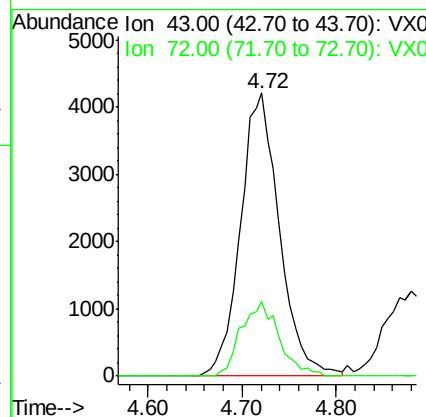
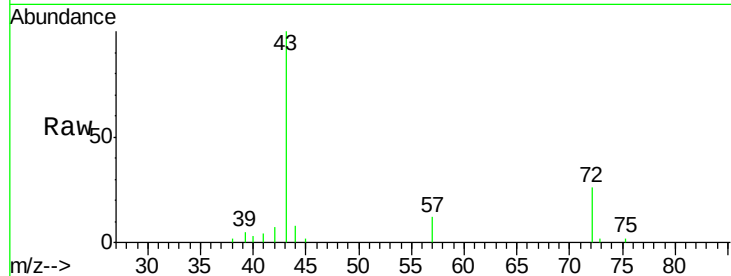
Ion Ratio Lower Upper

43 100

72 26.3 23.0 34.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 1.98 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000079.D

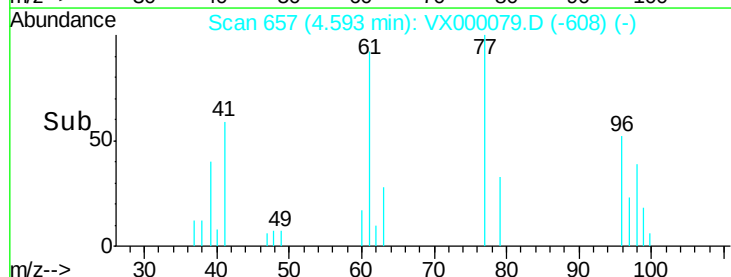
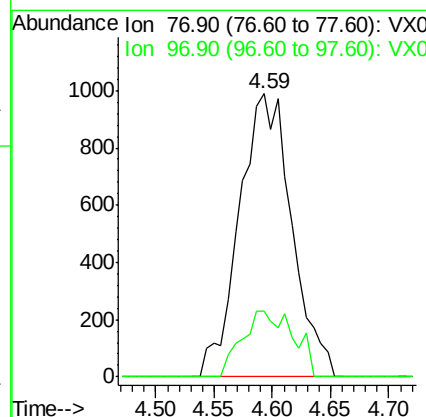
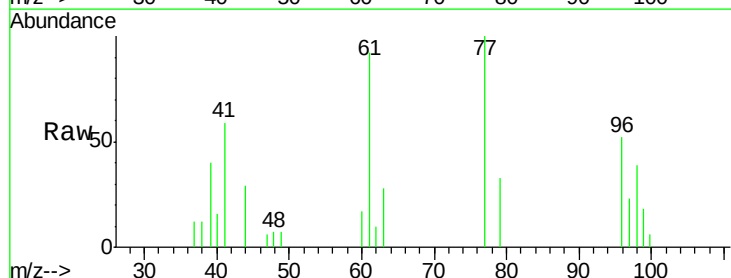
Acq: 13 Feb 2018 16:54

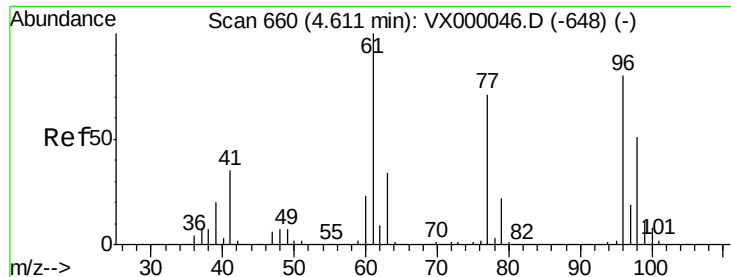
Tgt Ion: 77 Resp: 3102

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.4





#27

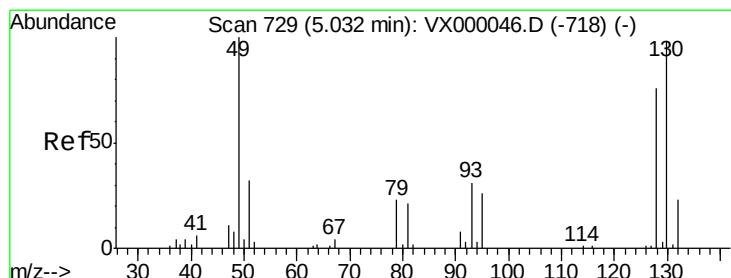
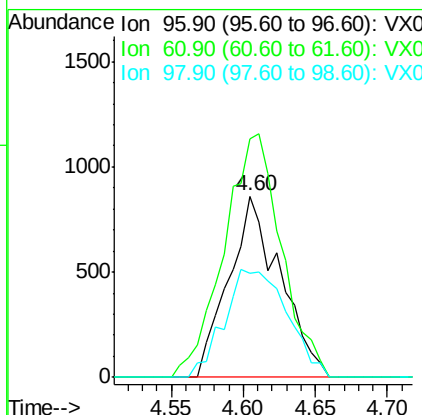
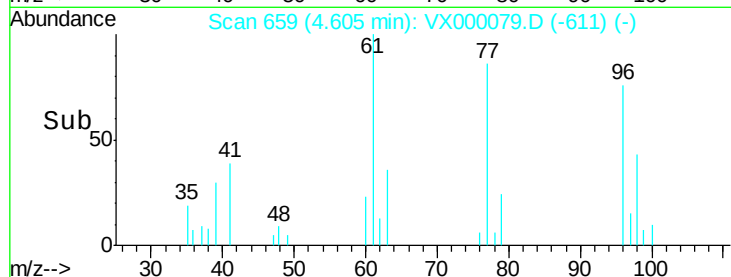
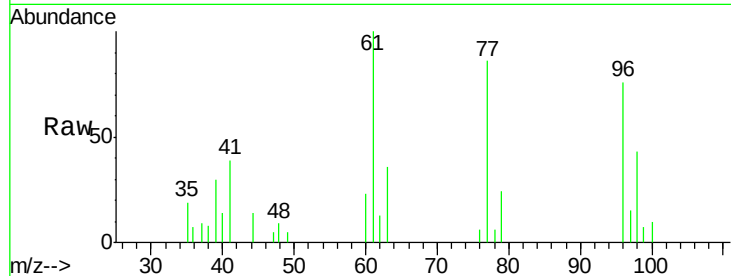
cis-1,2-Dichloroethene
Concen: 1.98 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.6	0.0	274.4
98	72.7	0.0	132.4

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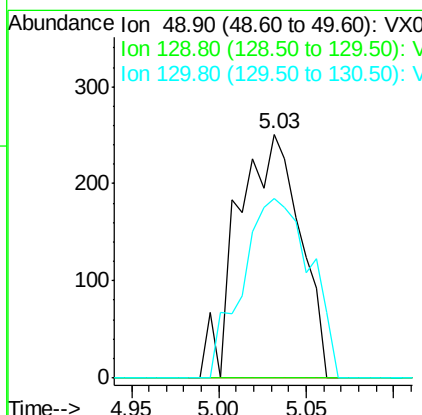
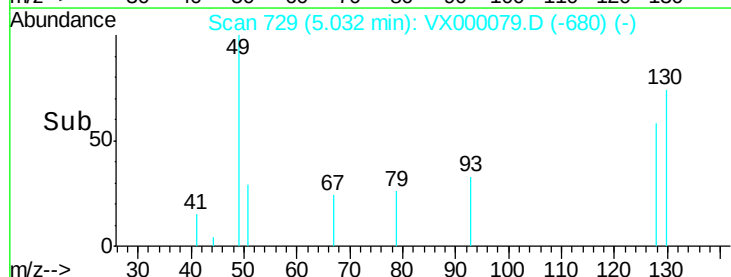
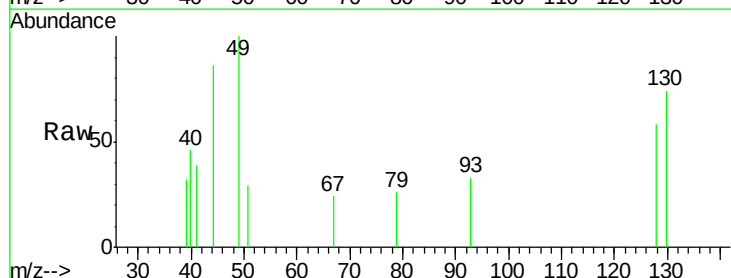
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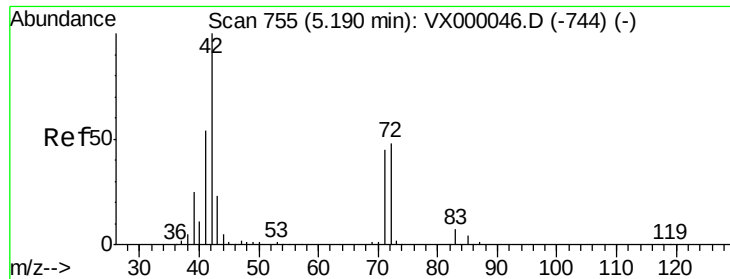


#28

Bromochloromethane
Concen: 1.02 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	80.2	75.6	113.4





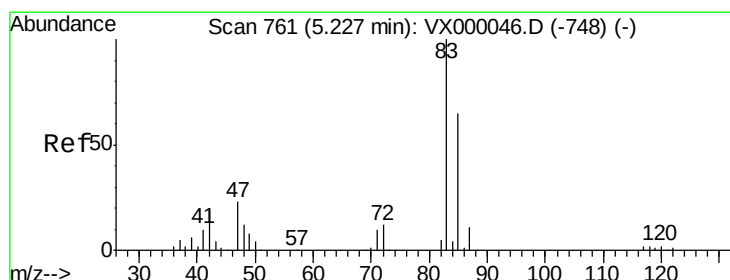
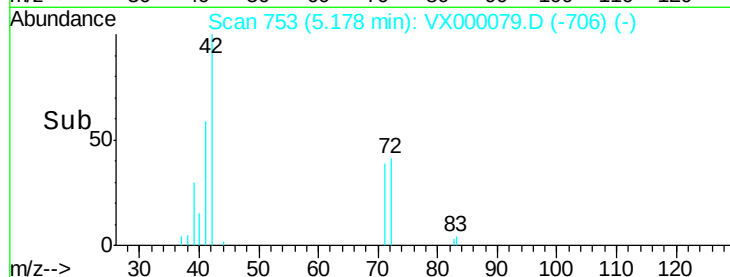
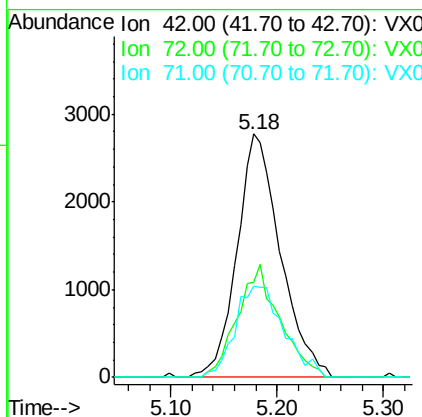
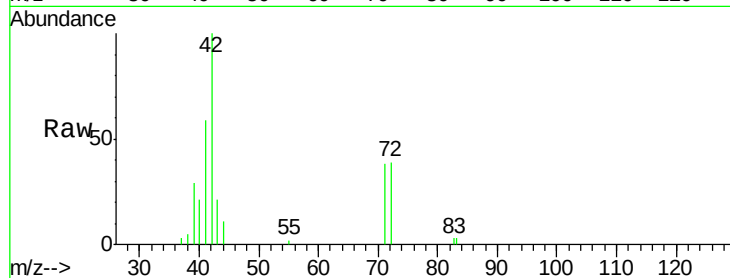
#29
Tetrahydrofuran
Concen: 11.76 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
Client Sampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.0	39.0	58.6
71	41.9	36.7	55.1

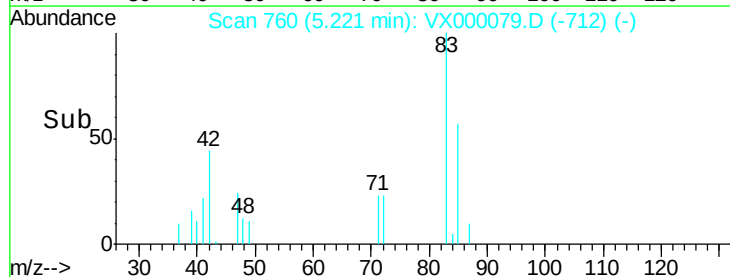
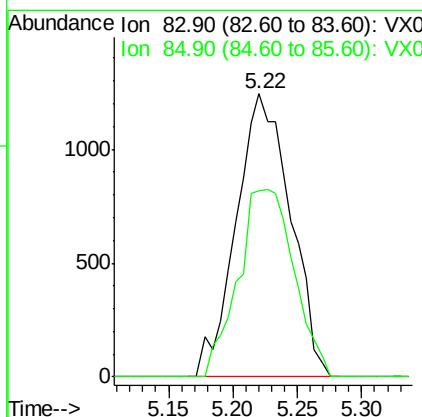
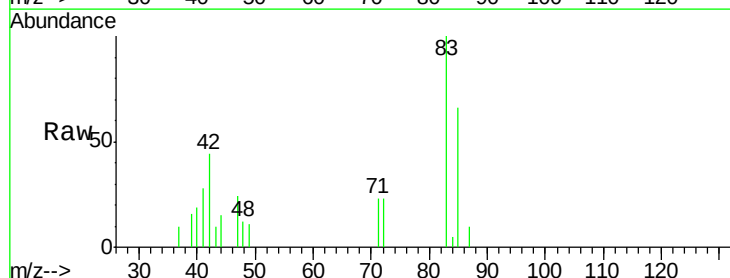
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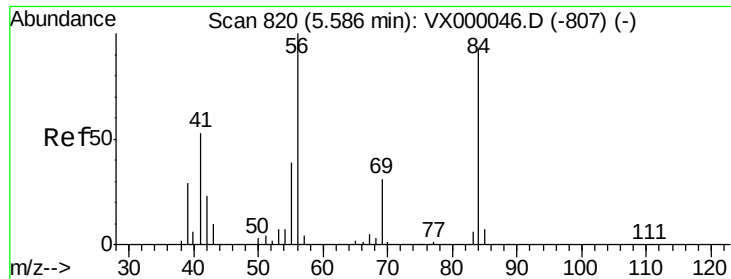
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#30
Chloroform
Concen: 1.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.9	77.9





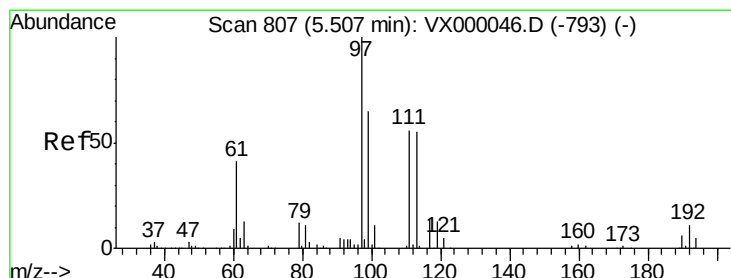
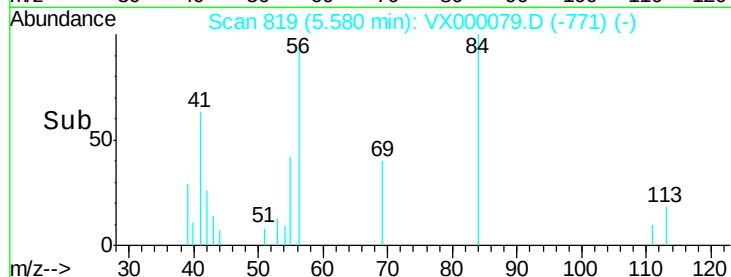
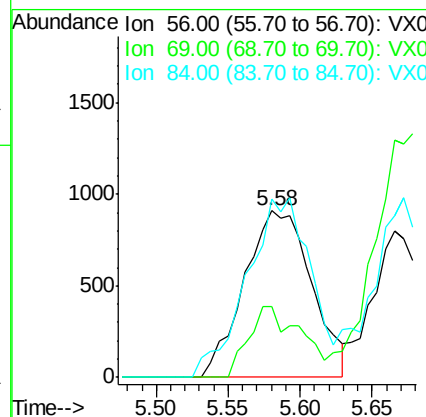
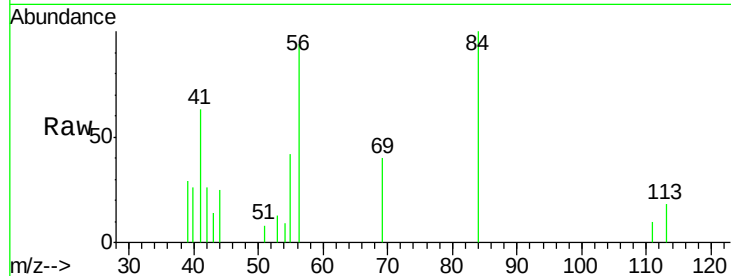
#31
Cyclohexane
Concen: 1.97 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion: 56 Resp: 2967
Ion Ratio Lower Upper
56 100
69 42.6 24.5 36.7#
84 106.7 74.8 112.2

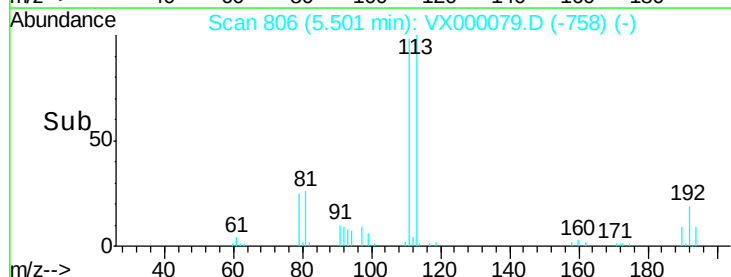
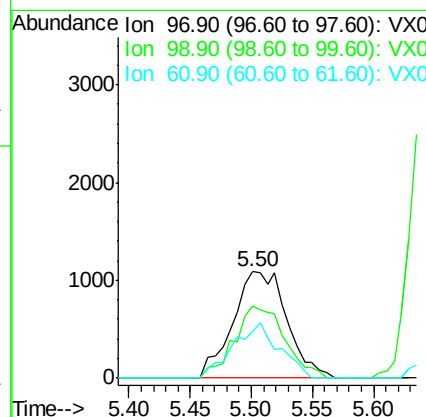
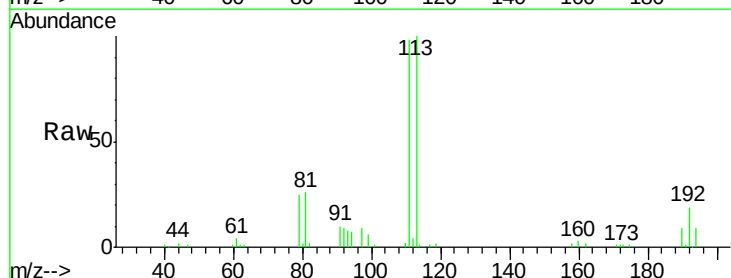
Manual Integrations
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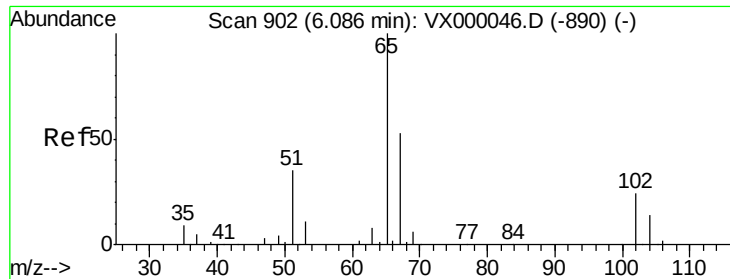
MMDadoda
2/16/2018 2:28:03 PM



#32
1,1,1-Trichloroethane
Concen: 1.92 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion: 97 Resp: 3331
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 44.6 32.1 48.1





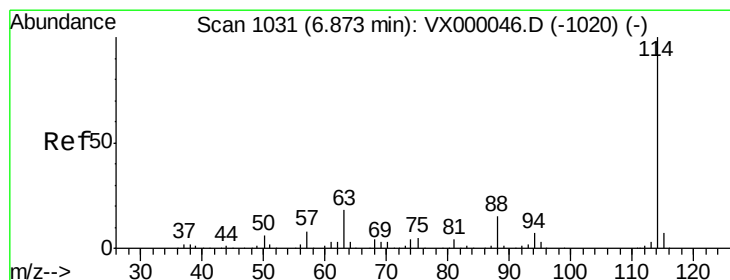
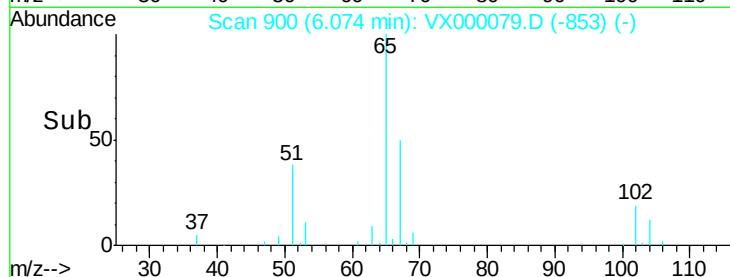
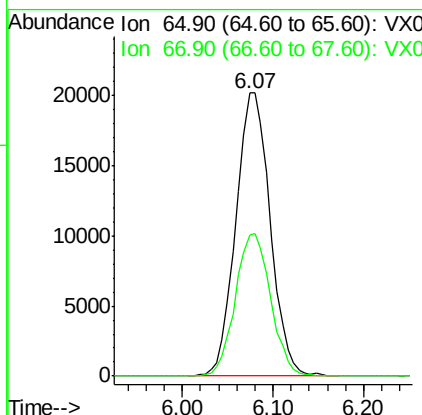
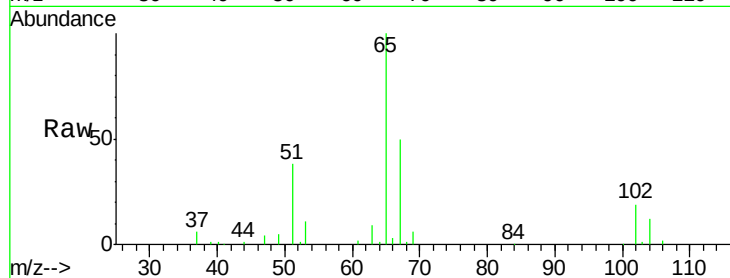
#33
 1,2-Dichloroethane-d4
 Concen: 48.15 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
65	100	53040		
67	51.6	0.0	106.0	

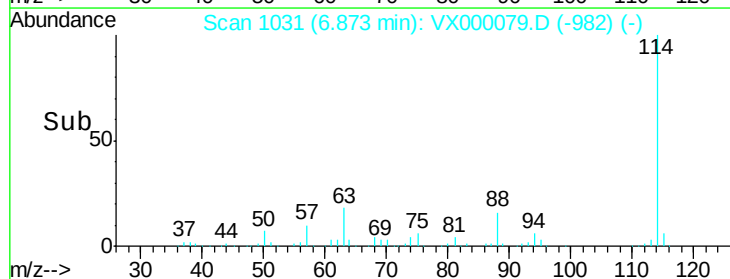
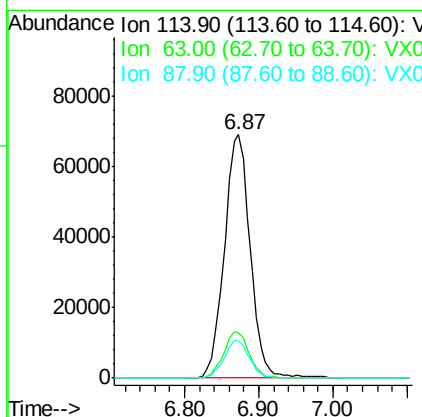
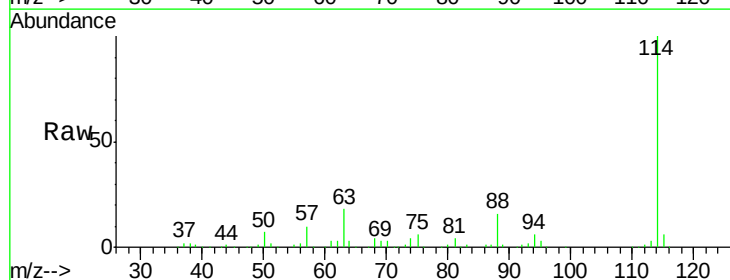
Manual Integrations
 APPROVED

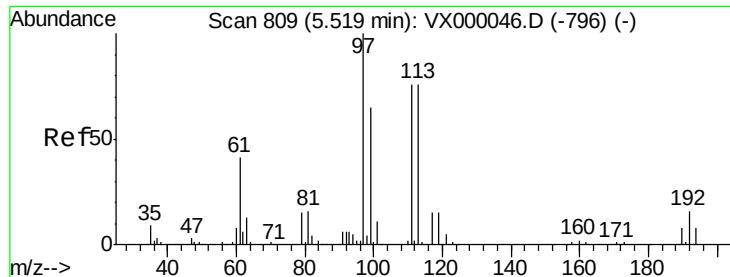
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	166962		
63	18.3	0.0	36.0	
88	15.7	0.0	30.4	





#35

Dibromofluoromethane

Concen: 44.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

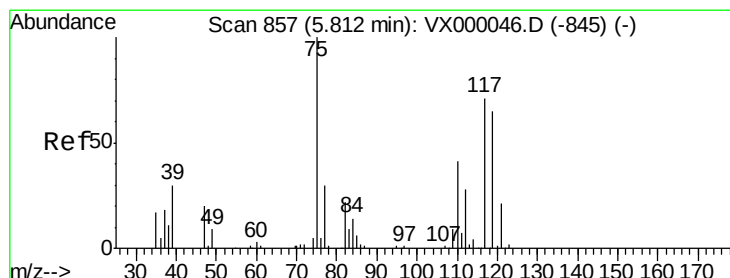
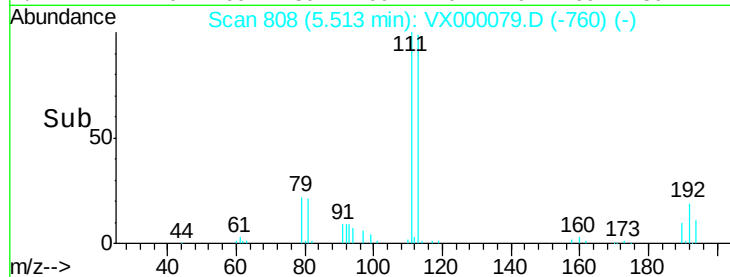
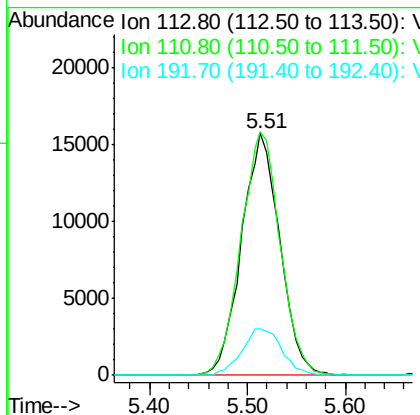
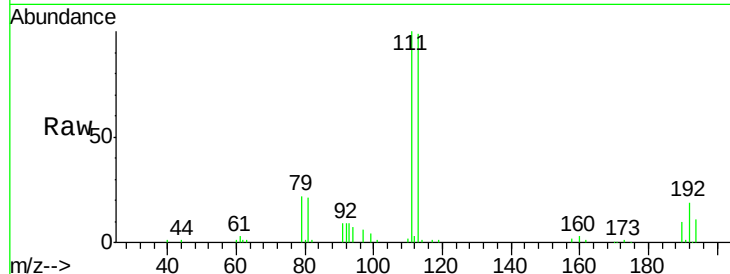
ClientSampled :

MDL04 2.00PPB

Tot Ion:	113	Resp:	42894
Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.5	120.7
192	20.2	16.9	25.3

Manual Integrations
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2/16/2018 2:28:03 PM



#36

1,1-Dichloropropene

Concen: 2.19 ug/l

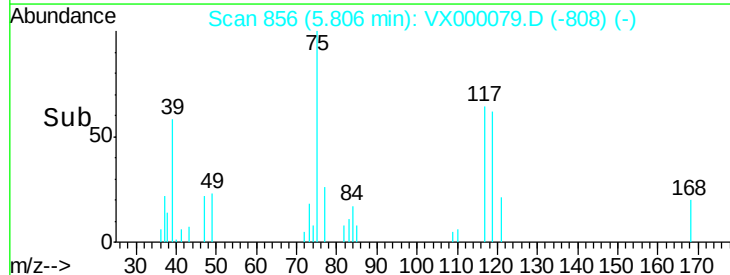
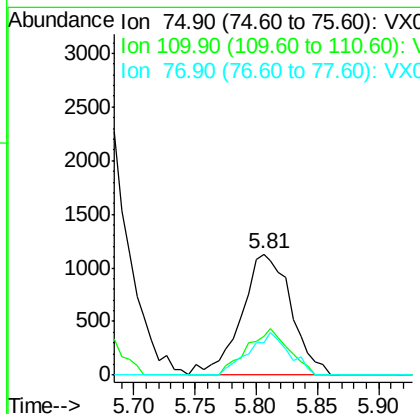
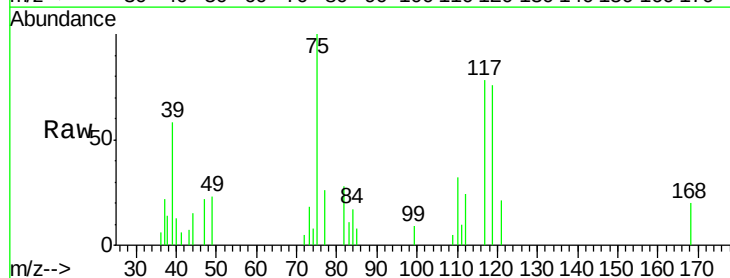
RT: 5.81 min Scan# 856

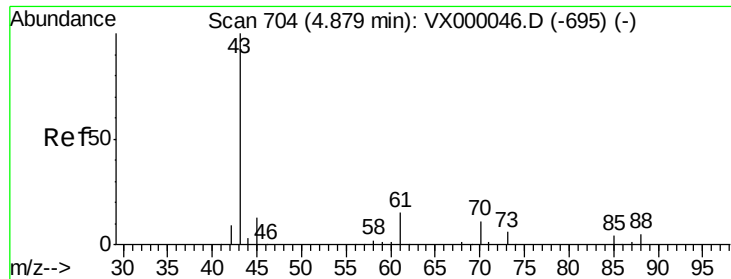
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	75	Resp:	3177
Ion	Ratio	Lower	Upper
75	100		
110	32.6	19.4	58.4
77	28.7	24.2	36.4





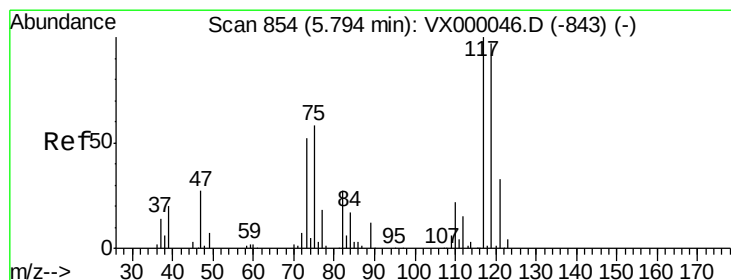
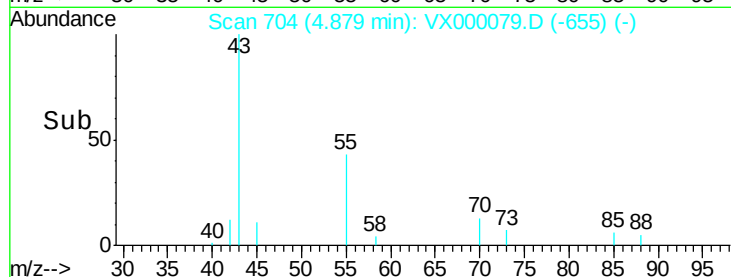
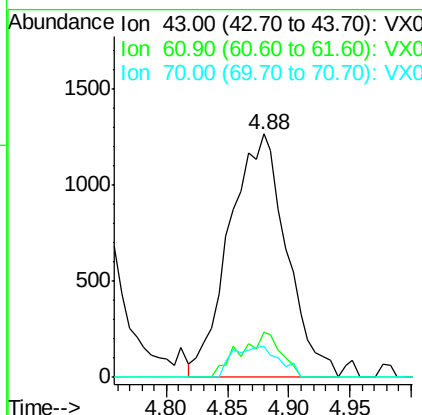
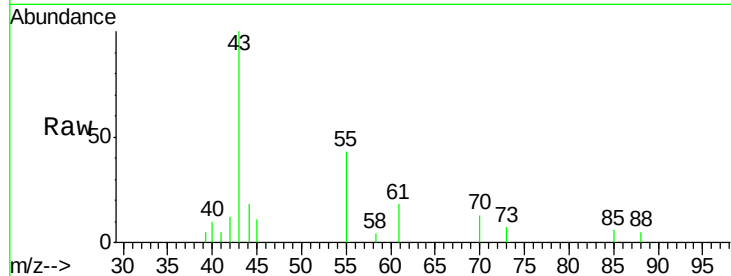
#37
Ethyl Acetate
Concen: 2.19 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
Client Sampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.4	17.2
70	10.3	9.0	13.6

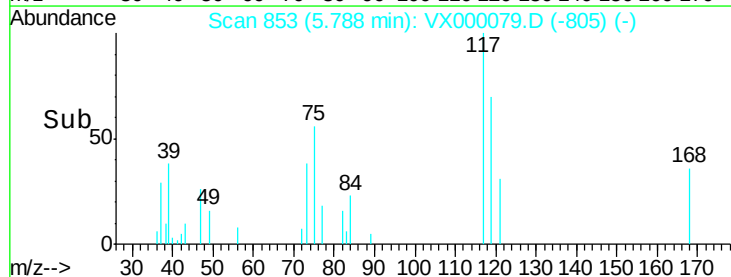
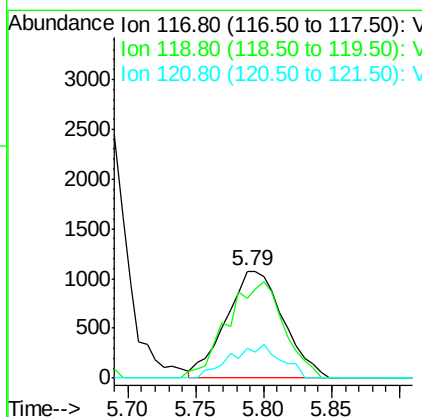
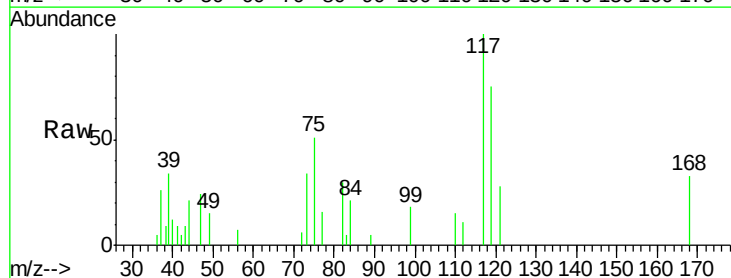
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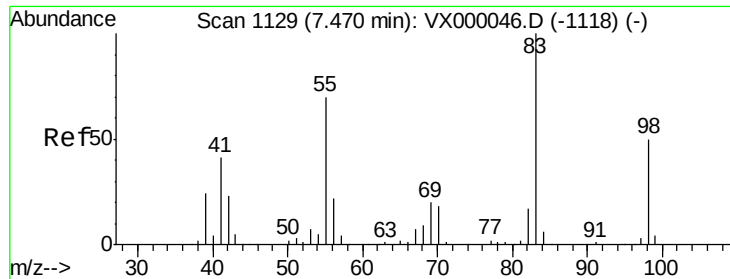
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2/16/2018 2:28:03 PM



#38
Carbon Tetrachloride
Concen: 1.94 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	75.0	76.9	115.3#
121	28.1	25.8	38.8





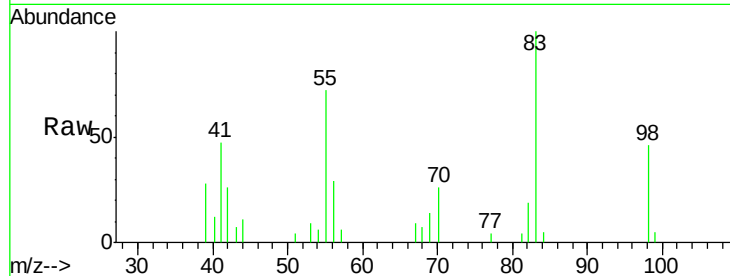
#39
Methylvlcyclohexane
Concen: 2.06 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

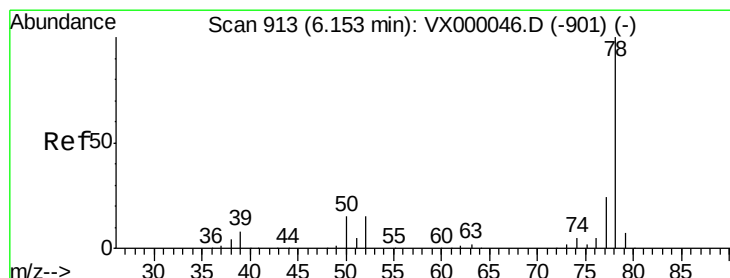
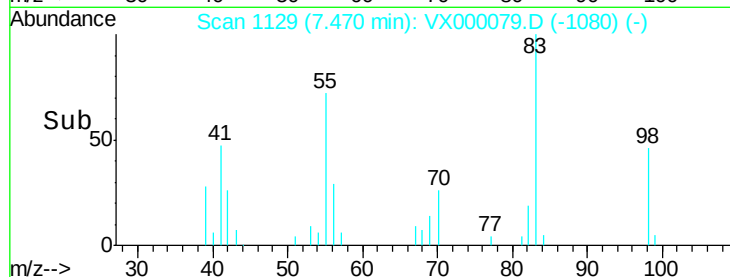
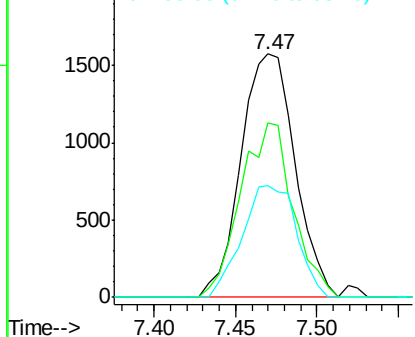
Tot Ion	Ratio	Lower	Upper
83	100		
55	71.8	55.7	83.5
98	45.9	39.7	59.5

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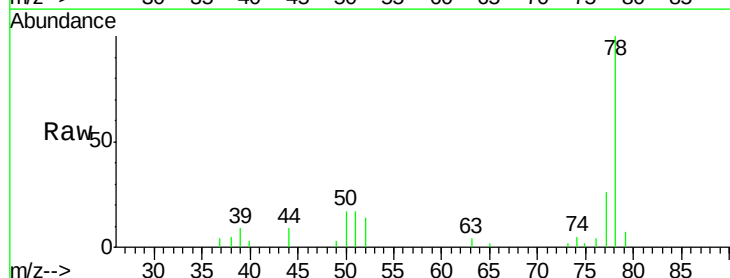


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

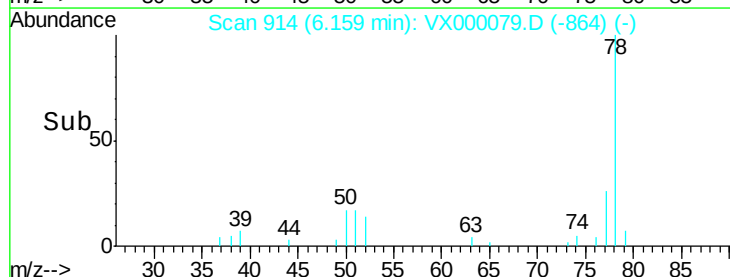
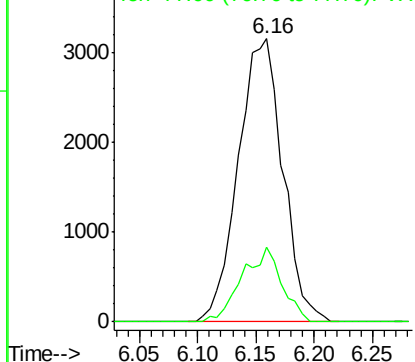


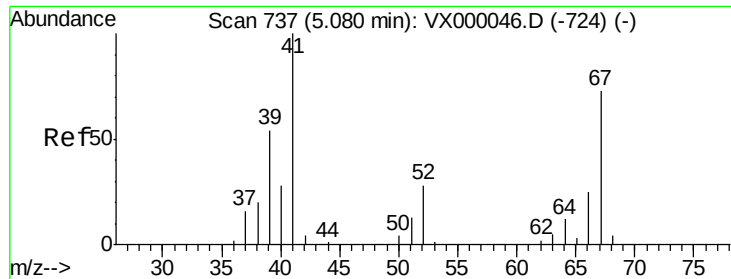
#40
Benzene
Concen: 2.04 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.4	29.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





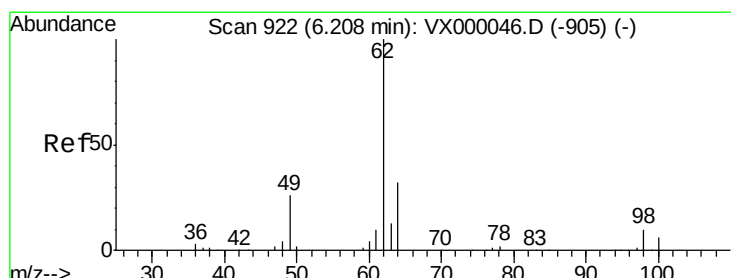
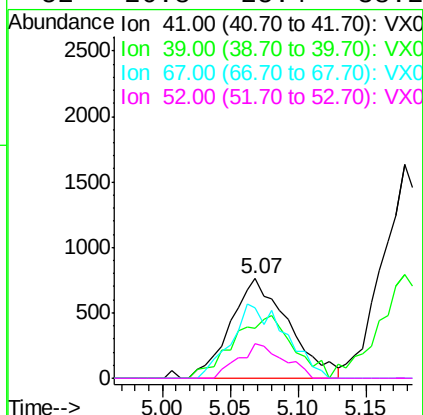
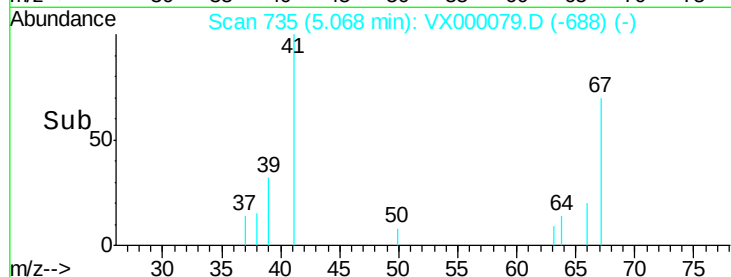
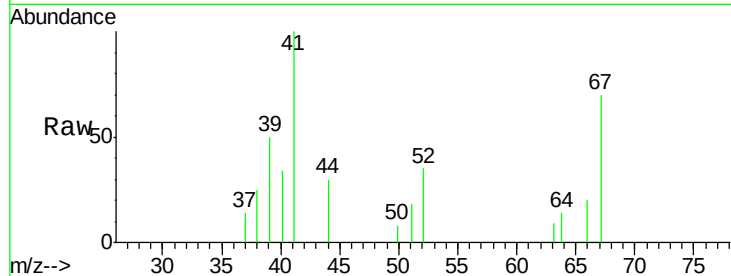
#41
Methacrylonitrile
Concen: 2.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ion	Ratio	Lower	Upper
2269	41	100		
	39	64.7	45.8	68.8
	67	69.3	60.6	91.0
	52	26.8	25.4	38.2

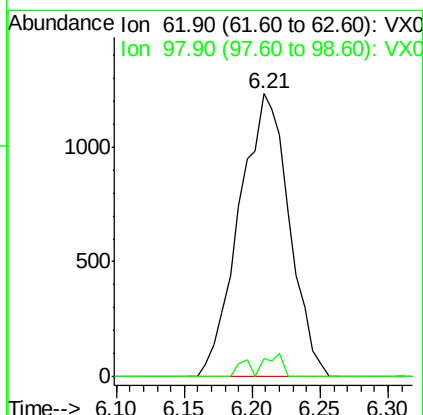
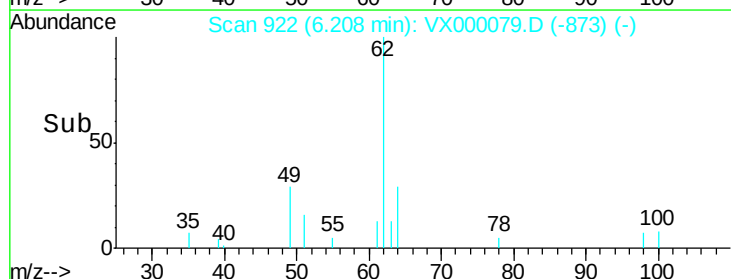
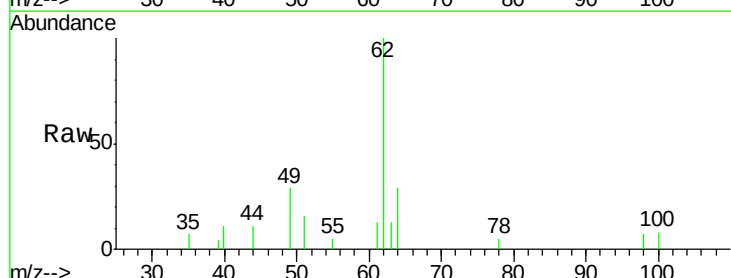
Manual Integrations
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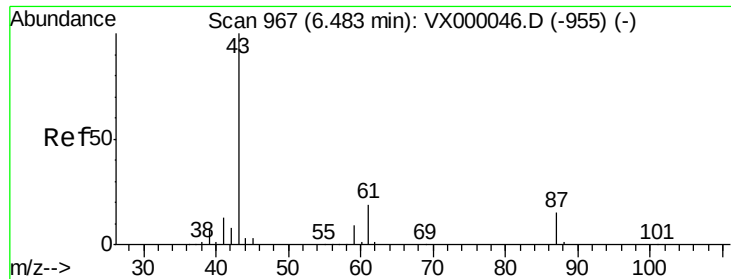
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#42
1,2-Dichloroethane
Concen: 2.16 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
3168	62	100		
	98	1.5	0.0	18.6





#43

Isopropyl Acetate

Concen: 1.94 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

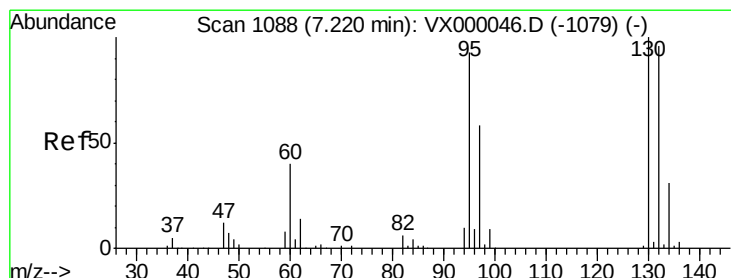
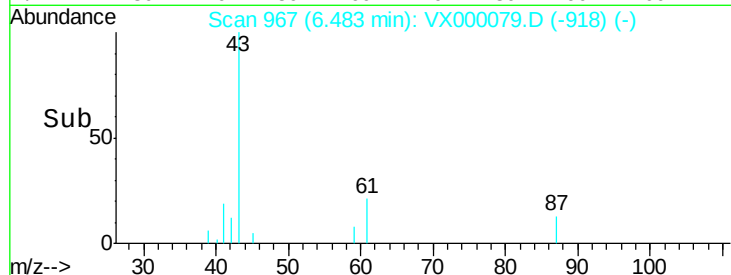
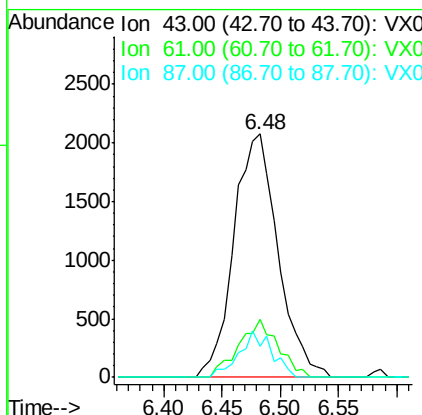
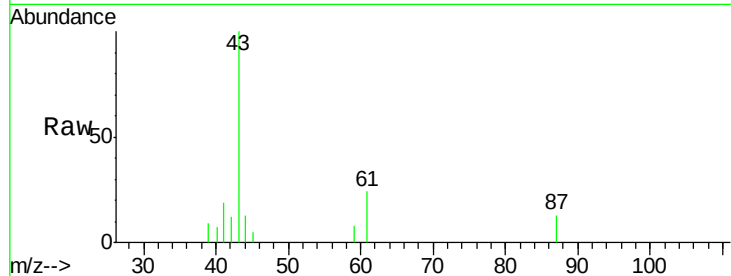
ClientSampled :

MDL04 2.00PPB

Tot Ion:	43	Resp:	5480
Ion	Ratio	Lower	Upper
43	100		
61	20.8	15.9	23.9
87	13.9	11.8	17.6

Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



#44

Trichloroethene

Concen: 1.90 ug/l

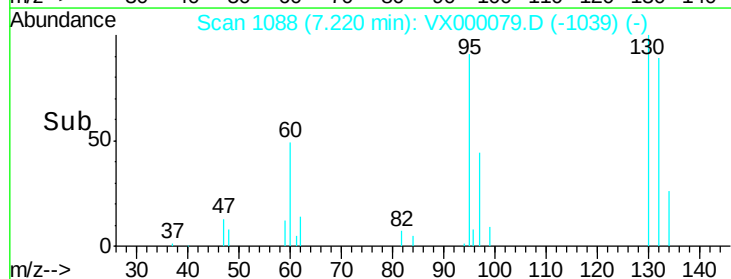
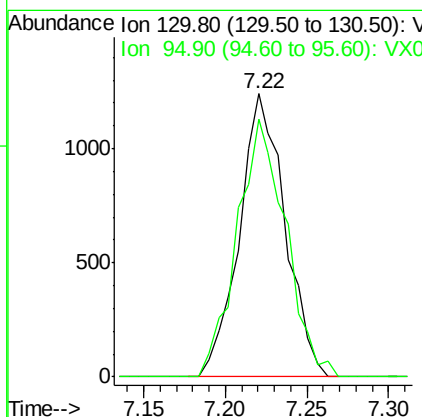
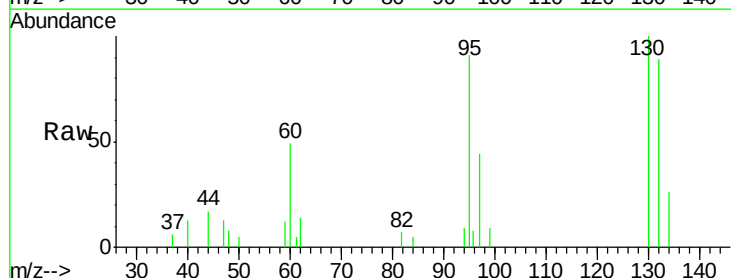
RT: 7.22 min Scan# 1088

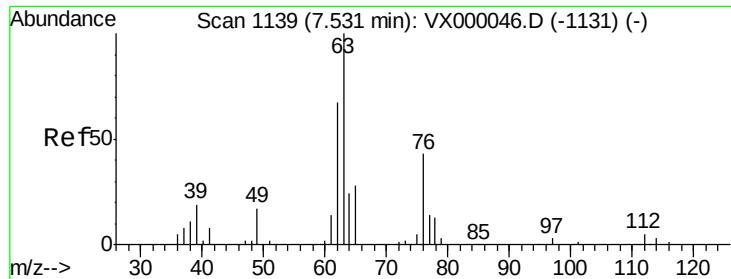
Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	130	Resp:	2415
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.2





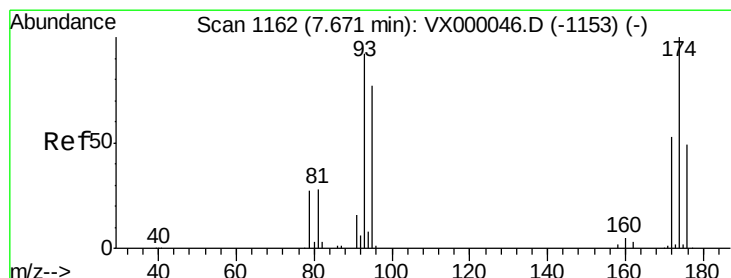
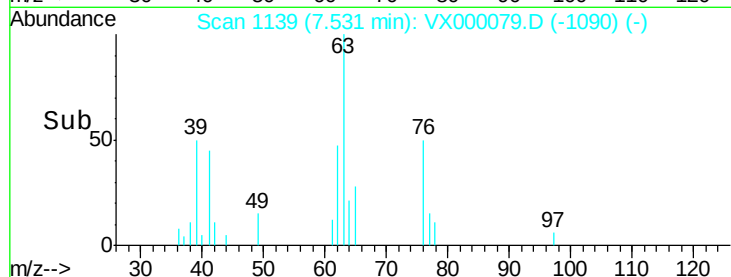
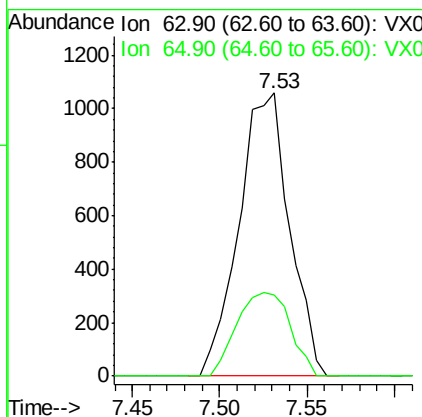
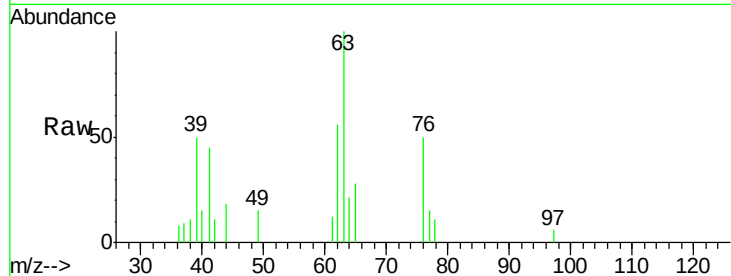
#45
1,2-Dichloropropane
Concen: 2.14 ug/l
RT: 7.53 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion: 63 Resp: 2135
Ion Ratio Lower Upper
63 100
65 28.4 23.7 35.5

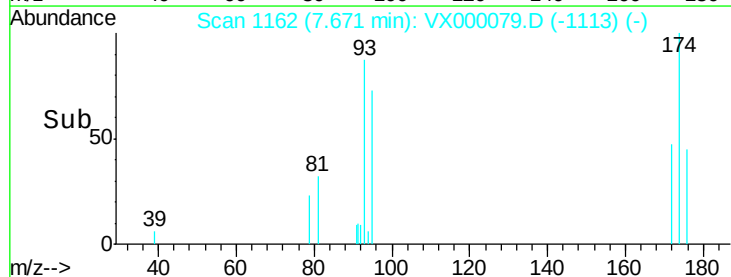
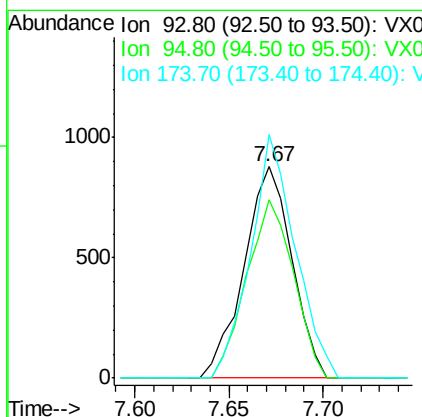
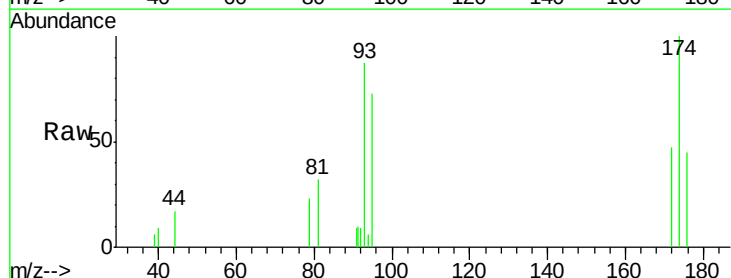
Manual Integrations
APPROVED

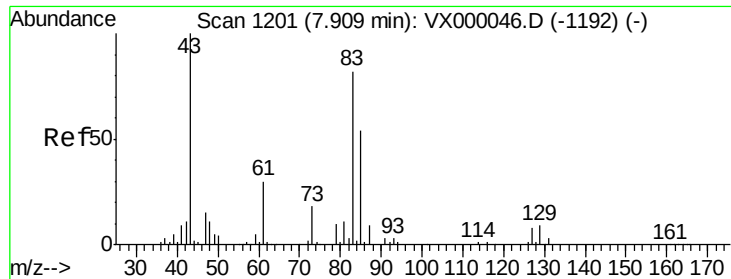
MMDadoda
2/16/2018 2:28:03 PM



#46
Dibromomethane
Concen: 2.01 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion: 93 Resp: 1552
Ion Ratio Lower Upper
93 100
95 82.5 66.3 99.5
174 107.2 90.4 135.6





#47

Bromodichloromethane

Concen: 2.00 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

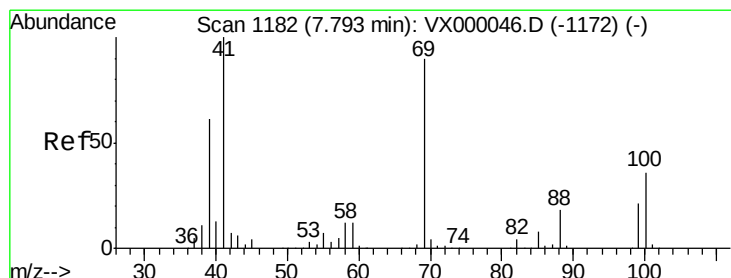
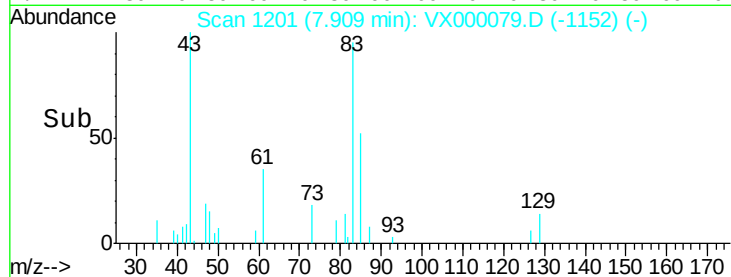
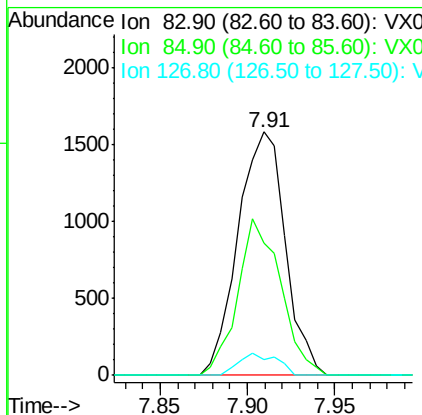
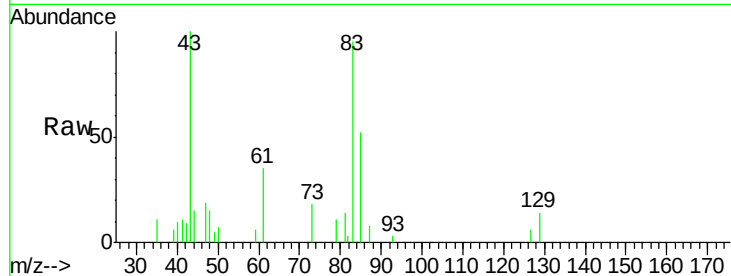
ClientSampled :

MDL04 2.00PPB

Tot Ion	83	Resp	2992
Ion	Ratio	Lower	Upper
83	100		
85	54.2	52.3	78.5
127	6.4	7.4	11.0#

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:03 PM



#48

Methyl methacrylate

Concen: 2.08 ug/l

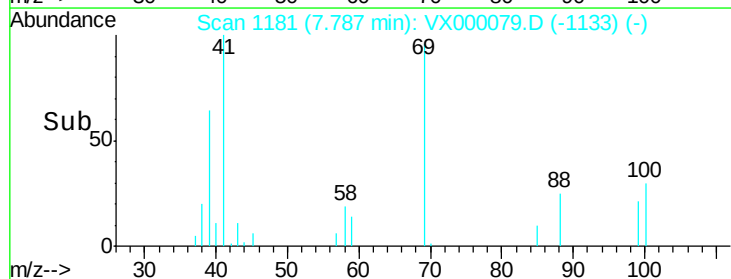
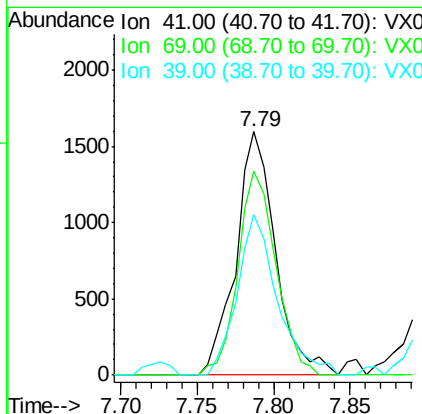
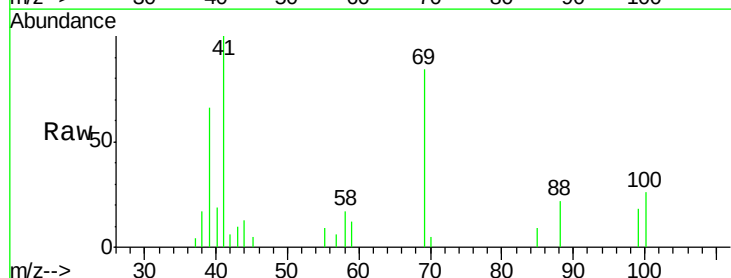
RT: 7.79 min Scan# 1181

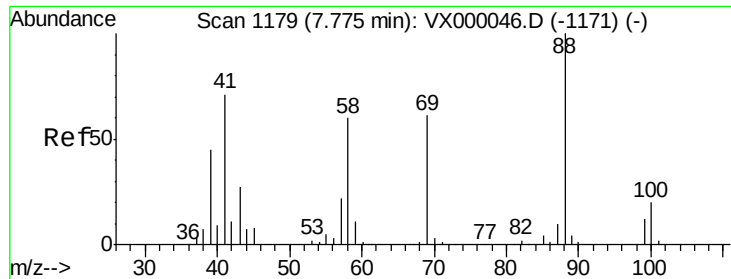
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion	41	Resp	2885
Ion	Ratio	Lower	Upper
41	100		
69	80.3	72.1	108.1
39	66.5	49.6	74.4





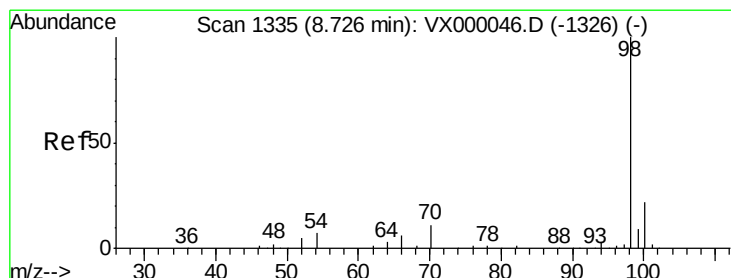
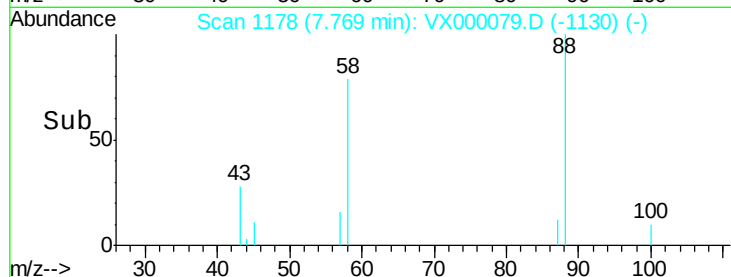
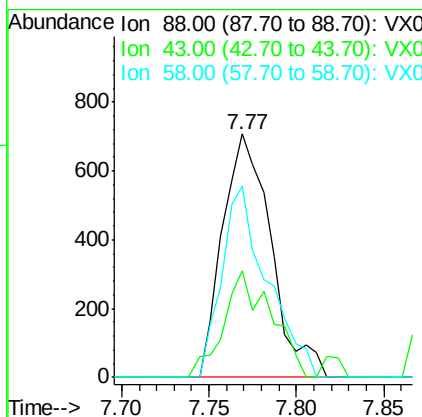
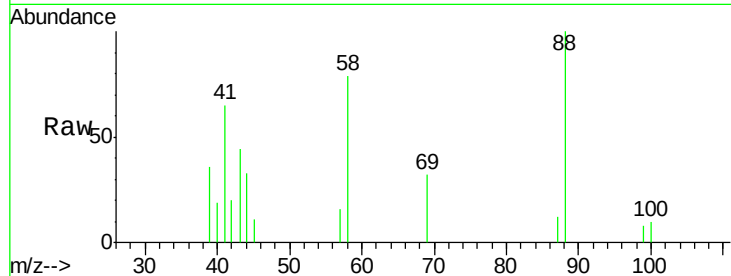
#49
1,4-Dioxane
Concen: 36.89 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampleId :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.9	22.6	33.8#
58	73.7	49.4	74.2

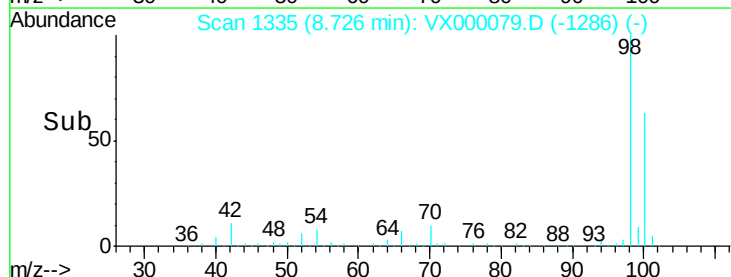
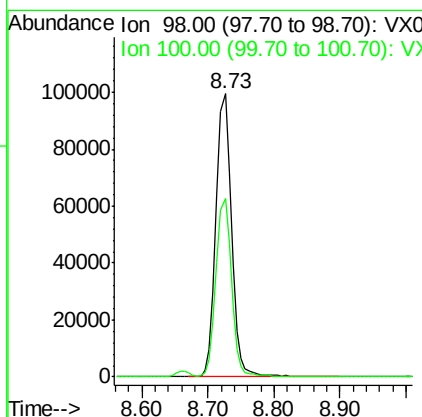
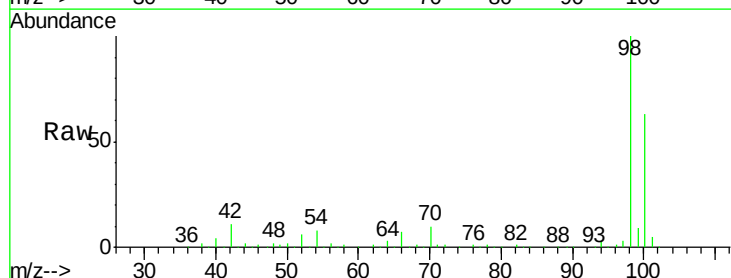
Manual Integrations
APPROVED

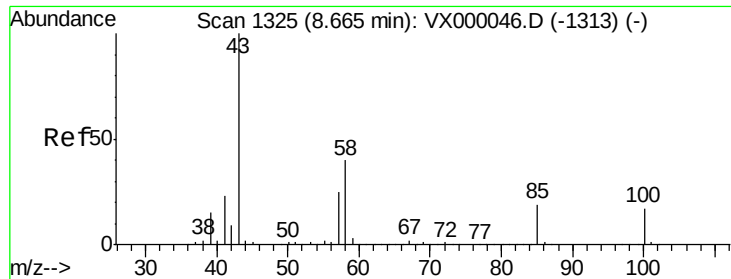
MMDadoda
2/16/2018 2:28:03 PM



#50
Toluene-d8
Concen: 44.87 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 10.12 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 43 Resp: 19955

Ion Ratio Lower Upper

43 100

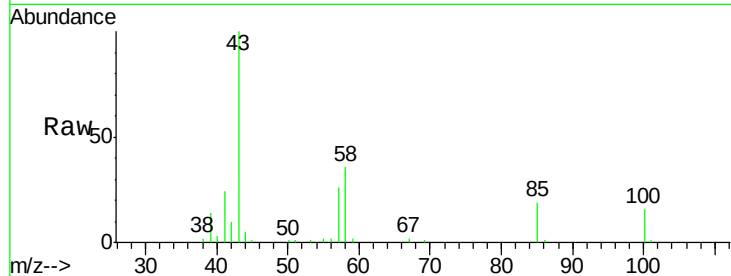
58 37.4 32.1 48.1

Manual Integrations

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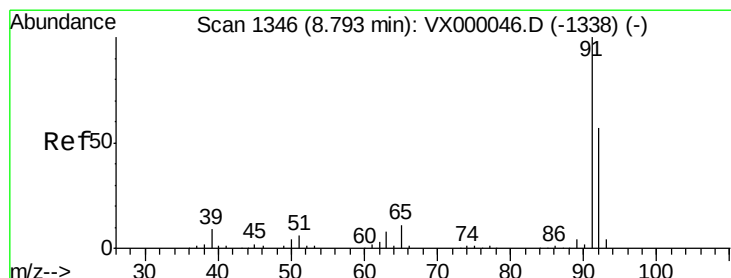
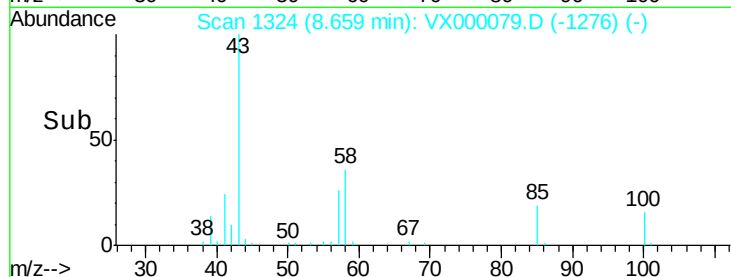
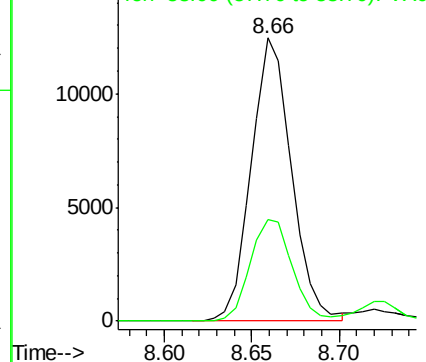
MMDadoda

2/16/2018 2:28:03 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 1.92 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000079.D

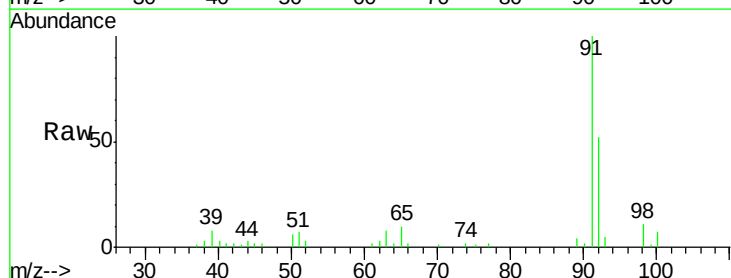
Acq: 13 Feb 2018 16:54

Tgt Ion: 92 Resp: 5294

Ion Ratio Lower Upper

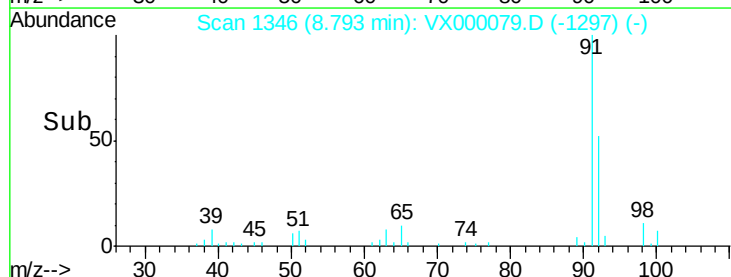
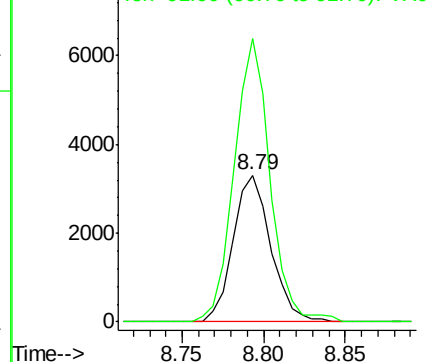
92 100

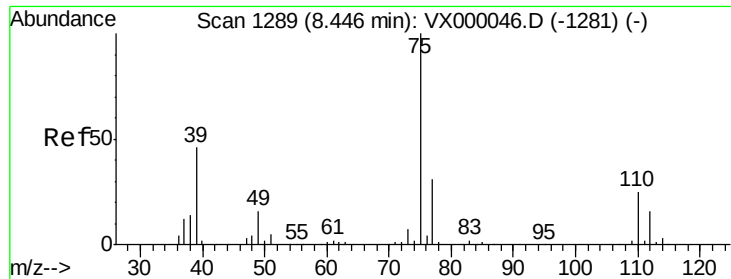
91 183.7 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





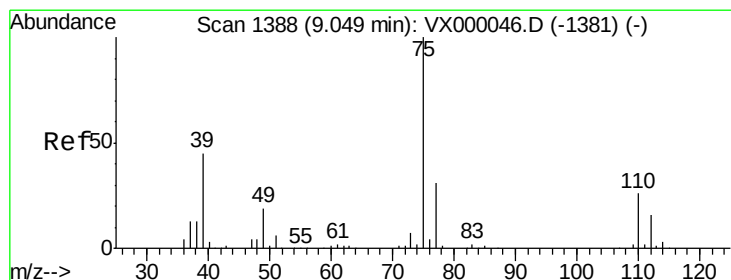
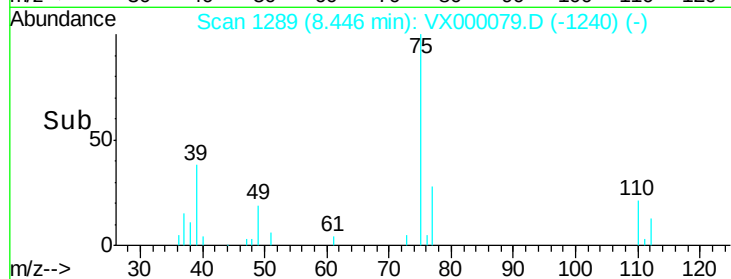
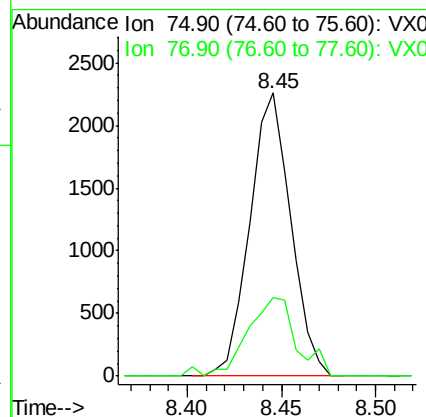
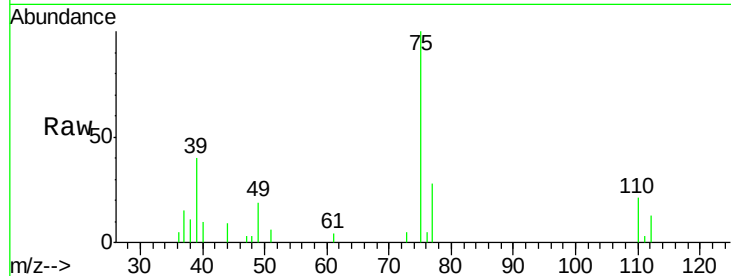
#53
 t-1,3-Dichloropropene
 Concen: 1.94 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion: 75 Resp: 3405
 Ion Ratio Lower Upper
 75 100
 77 27.8 25.0 37.4

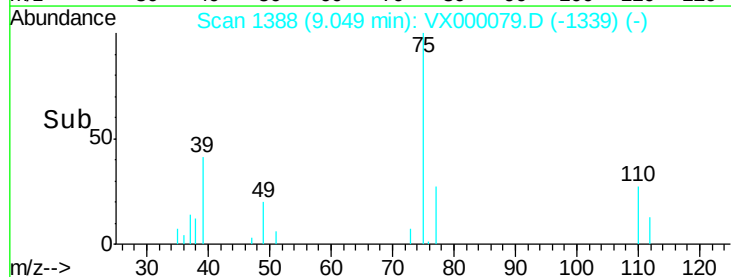
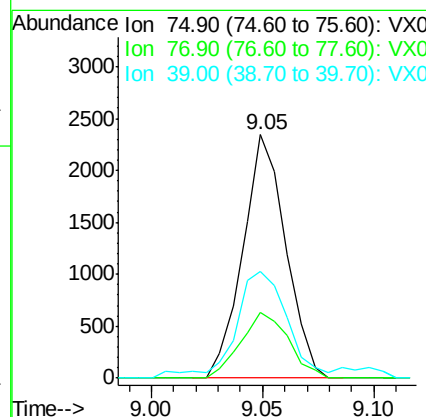
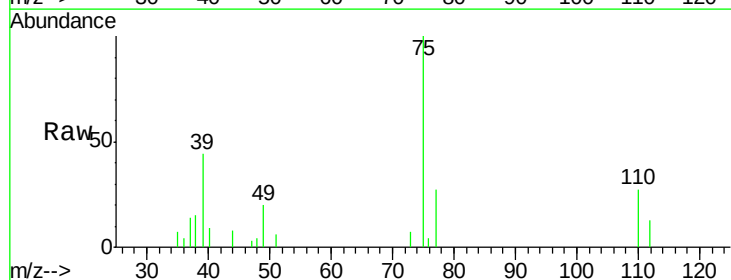
Manual Integrations
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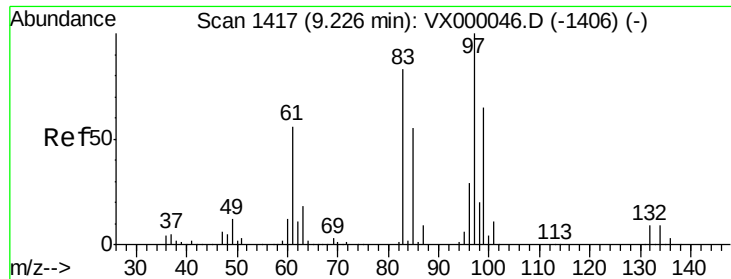
MMDadoda
 2/16/2018 2:28:03 PM



#54
 cis-1,3-Dichloropropene
 Concen: 1.84 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion: 75 Resp: 3141
 Ion Ratio Lower Upper
 75 100
 77 26.7 25.1 37.7
 39 41.3 36.1 54.1





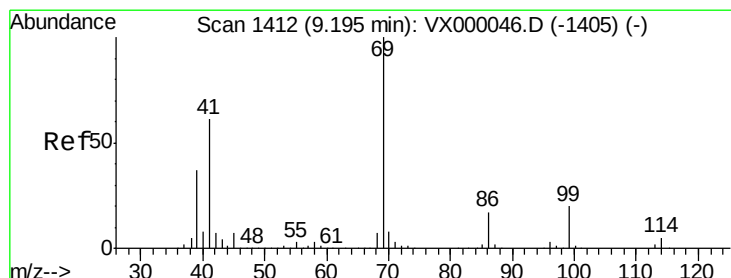
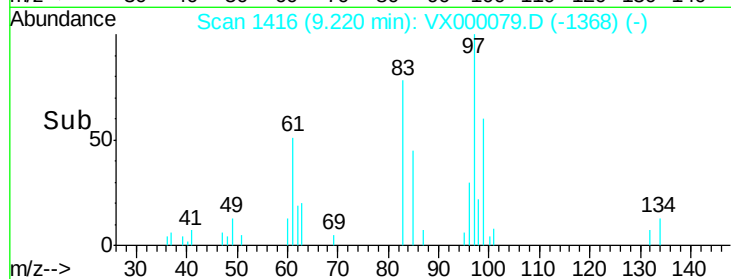
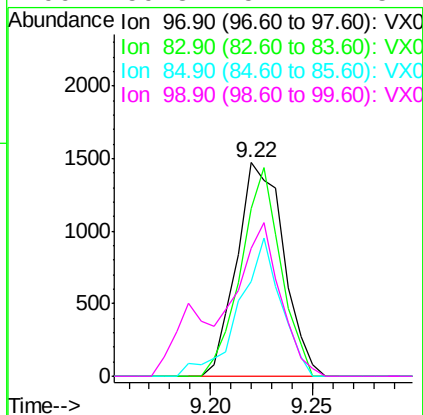
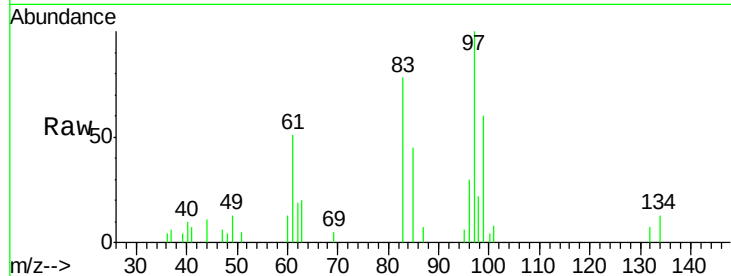
#55
 1,1,2-Trichloroethane
 Concen: 2.03 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion:	97	Resp:	2351
Ion	Ratio	Lower	Upper
97	100		
83	78.3	66.5	99.7
85	44.6	43.8	65.6
99	59.8	52.2	78.4

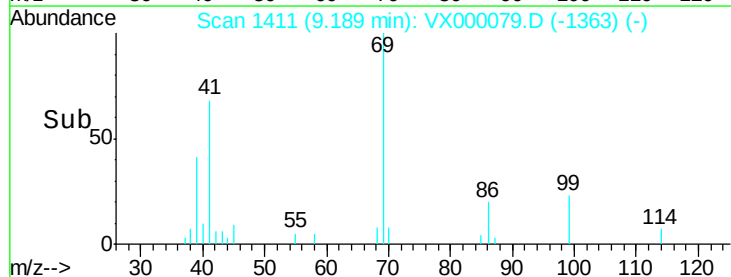
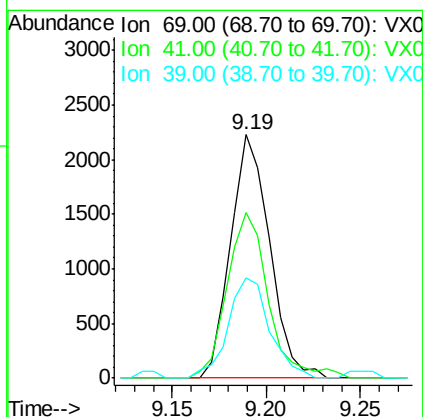
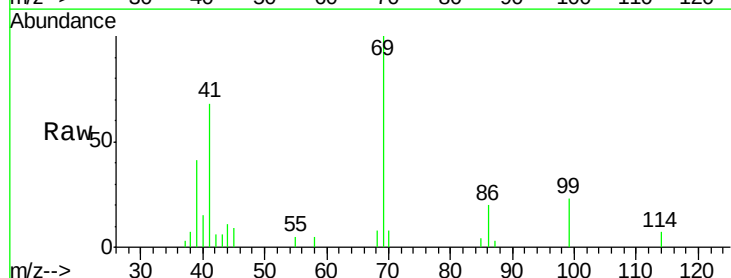
Manual Integrations
 APPROVED

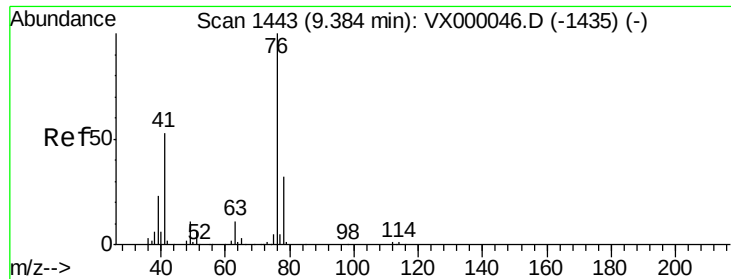
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 1.81 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion:	69	Resp:	3209
Ion	Ratio	Lower	Upper
69	100		
41	71.8	49.5	74.3
39	44.0	29.9	44.9





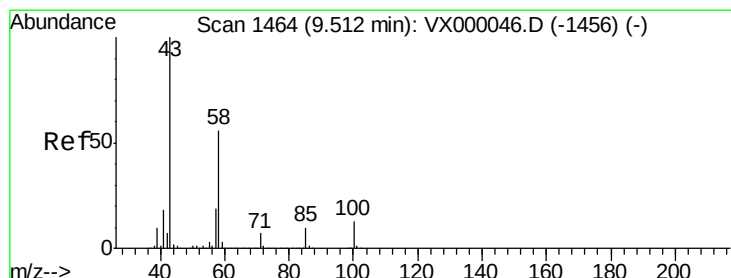
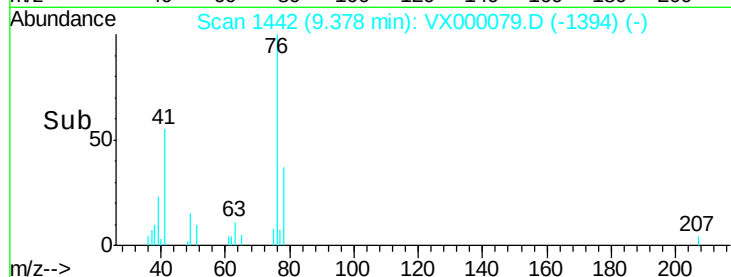
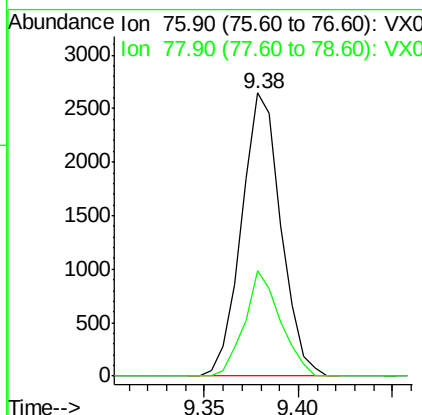
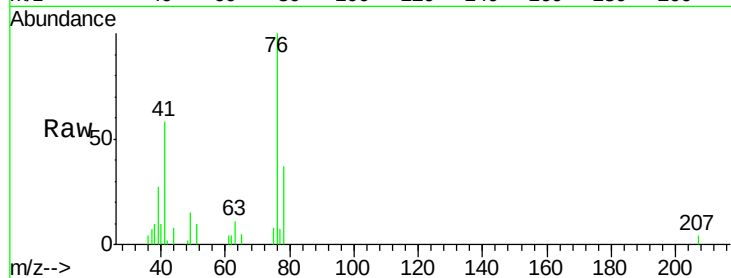
#57
 1,3-Dichloropropane
 Concen: 2.12 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
76	100		
78	34.0	25.9	38.9

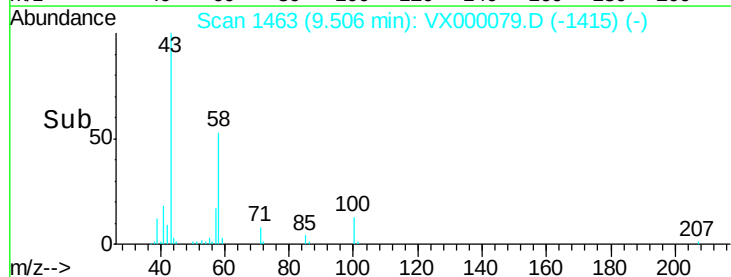
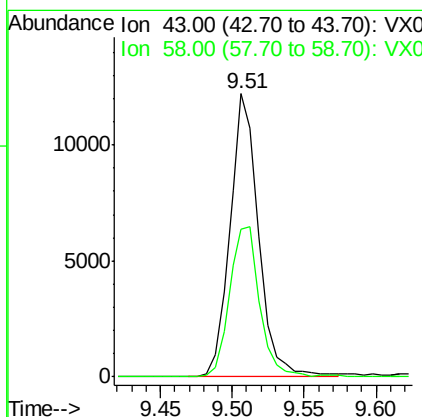
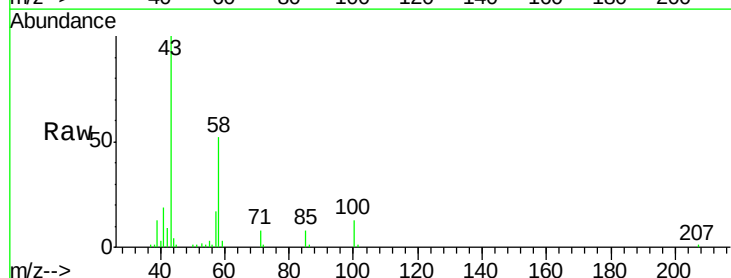
Manual Integrations
 APPROVED

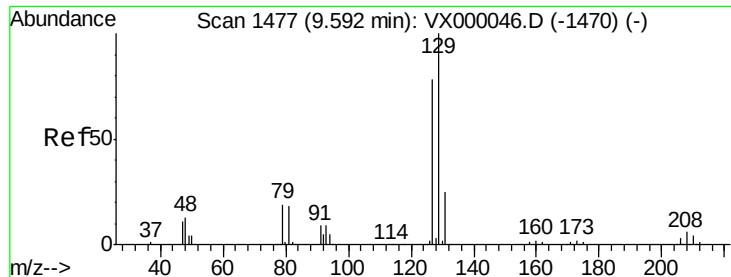
MMDadoda
 2/16/2018 2:28:03 PM



#59
 2-Hexanone
 Concen: 10.59 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.6	82.7





#60

Dibromochloromethane

Concen: 1.59 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion:129 Resp: 2119

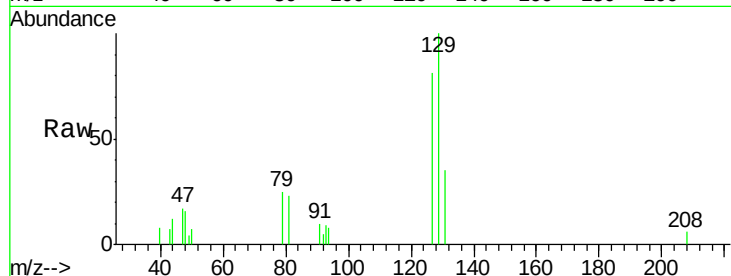
Ion Ratio Lower Upper

129 100

127 78.9 38.6 115.8

Manual Integrations
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MMDadoda
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

1500

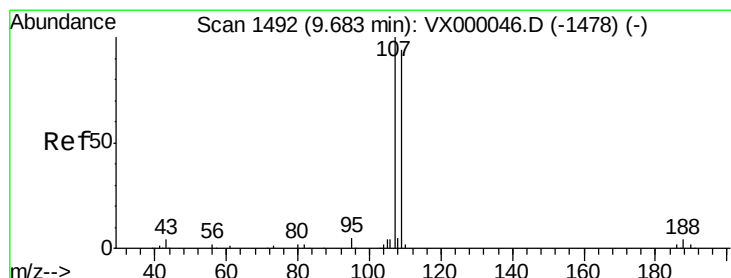
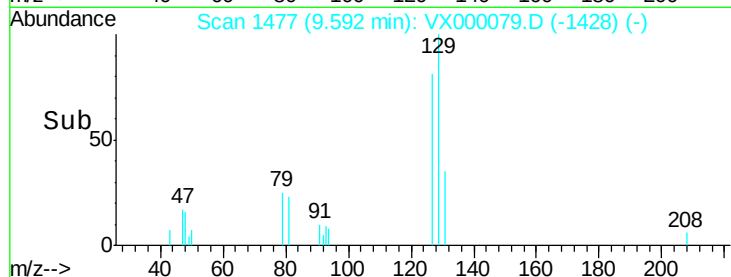
1000

500

0

9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 1.95 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000079.D

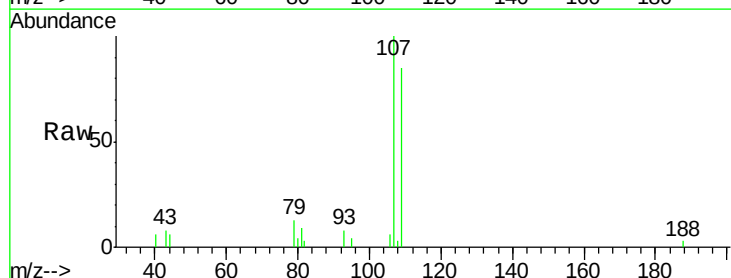
Acq: 13 Feb 2018 16:54

Tgt Ion:107 Resp: 2492

Ion Ratio Lower Upper

107 100

109 90.4 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

2000

1500

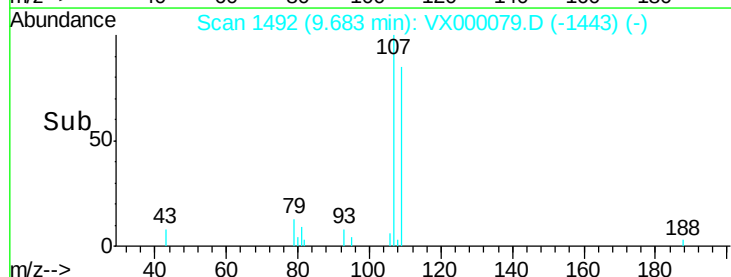
1000

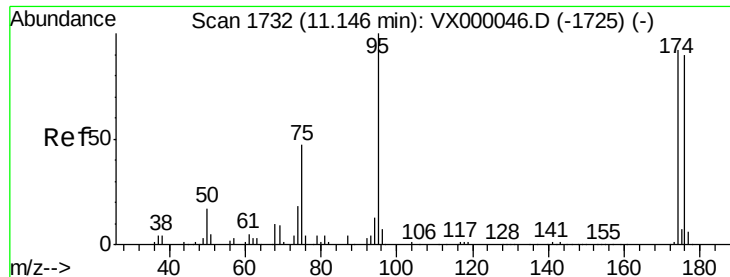
500

0

9.65 9.70

Time-->





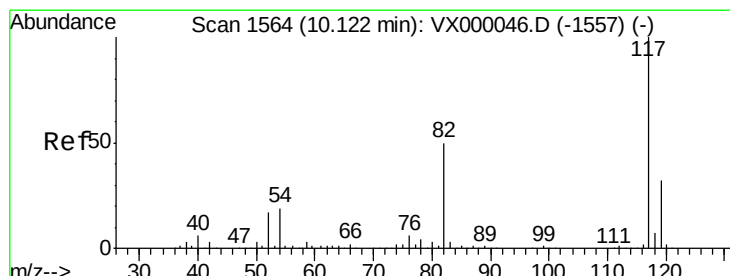
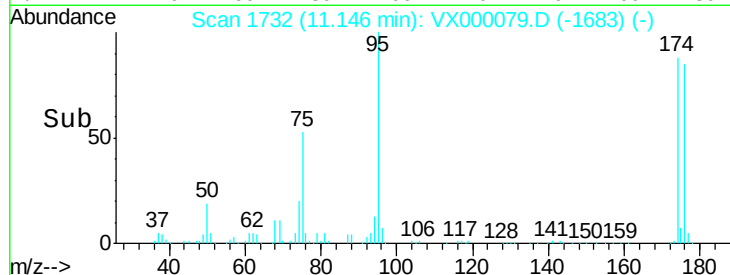
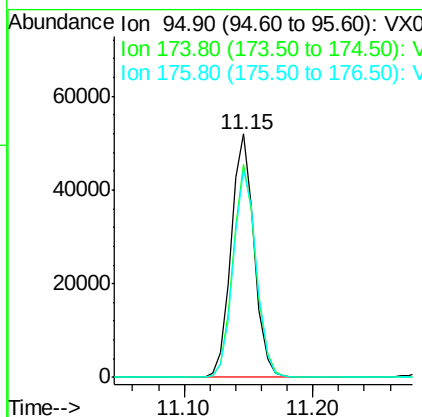
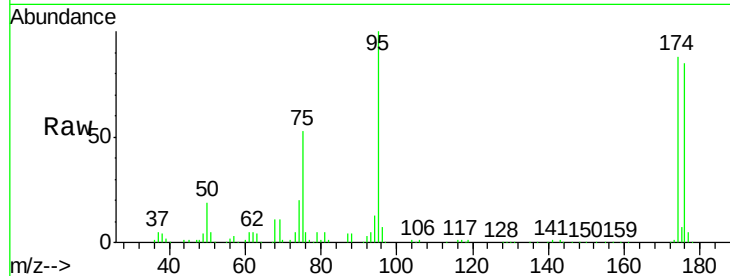
#62
4-Bromofluorobenzene
Concen: 43.96 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
95	100	64849		
174	86.9	0.0	185.6	
176	85.7	0.0	181.8	

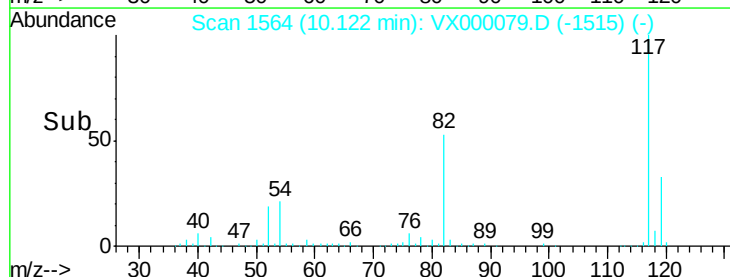
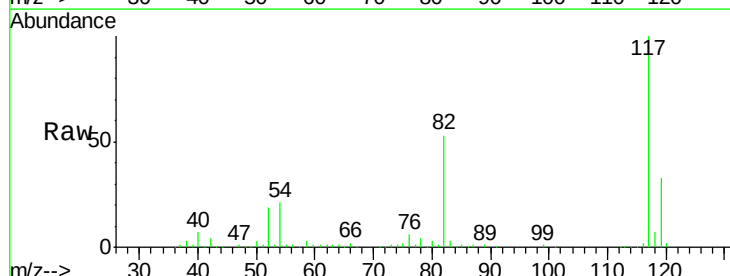
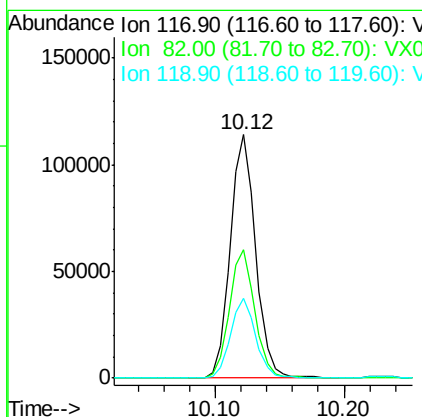
Manual Integrations
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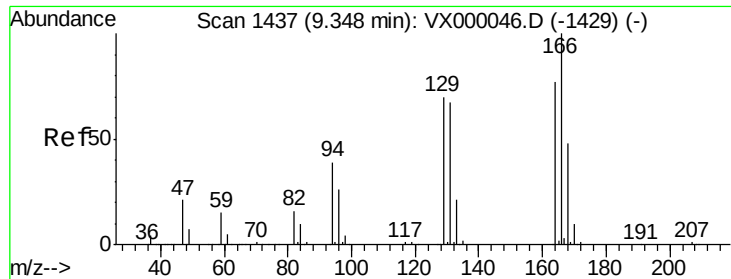
MMDadoda
2/16/2018 2:28:03 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	157607		
82	52.7	40.3	60.5	
119	32.8	25.3	37.9	





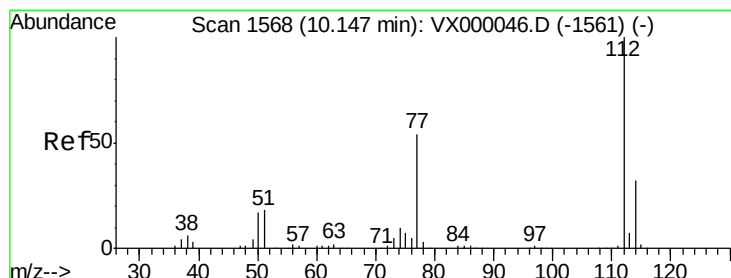
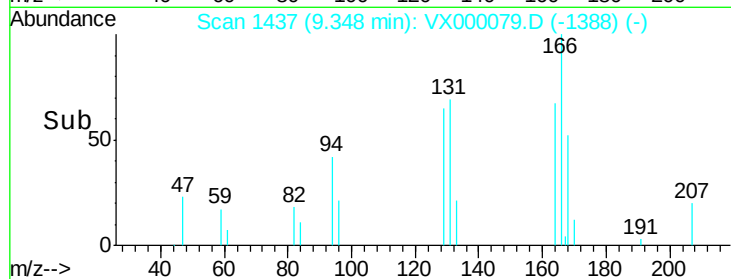
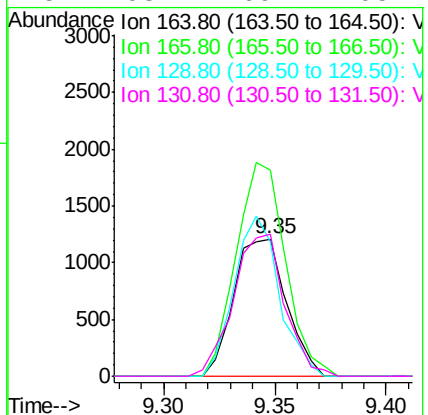
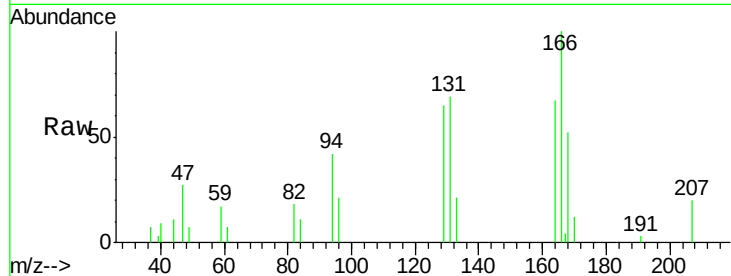
#64
Tetrachloroethene
Concen: 1.69 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
164	100		
166	149.7	103.7	155.5
129	97.5	72.2	108.4
131	103.4	69.1	103.7

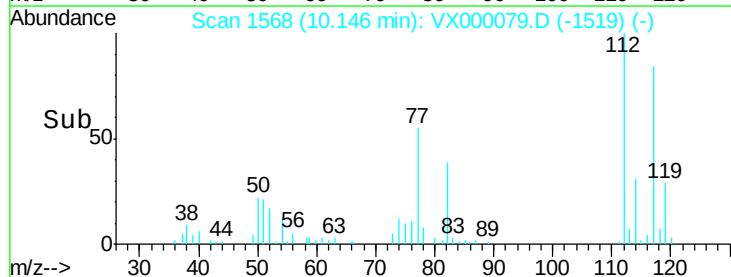
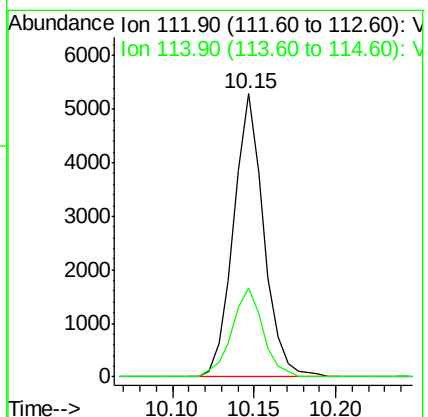
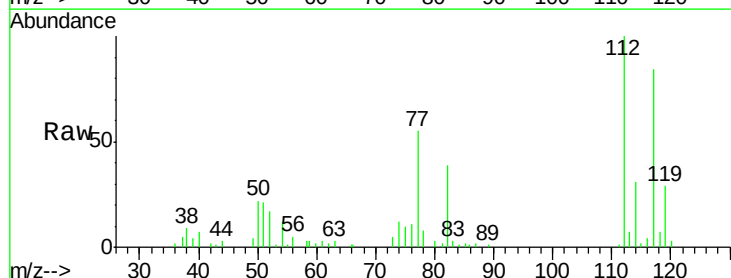
Manual Integrations
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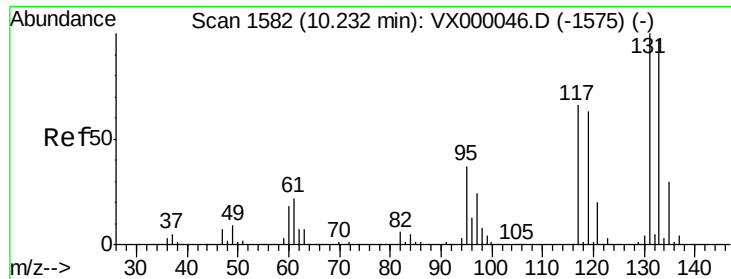
MMDadoda
2/16/2018 2:28:03 PM



#65
Chlorobenzene
Concen: 2.08 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.6	38.4





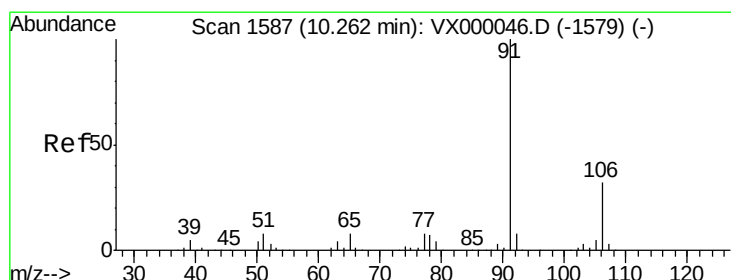
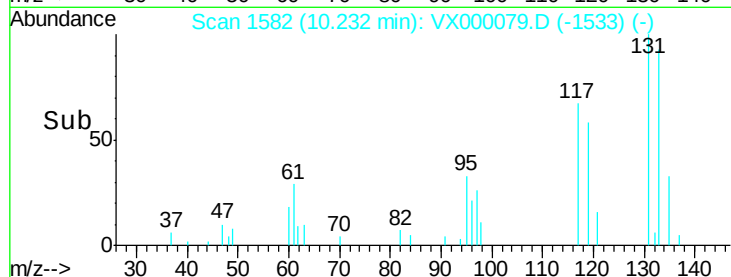
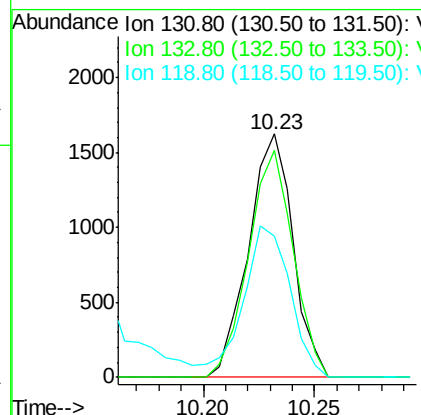
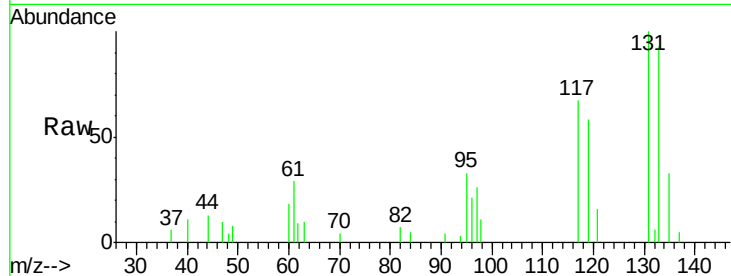
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.92 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion:131 Resp: 2259
 Ion Ratio Lower Upper
 131 100
 133 93.6 47.6 142.9
 119 0.0 31.7 95.1#

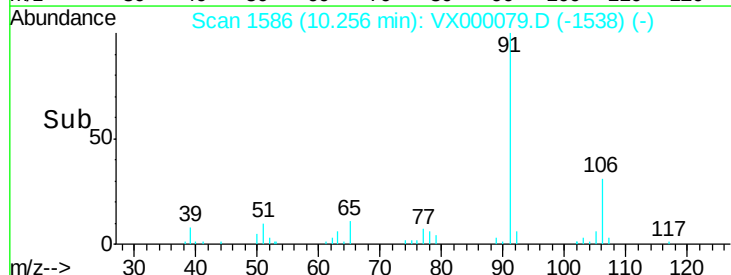
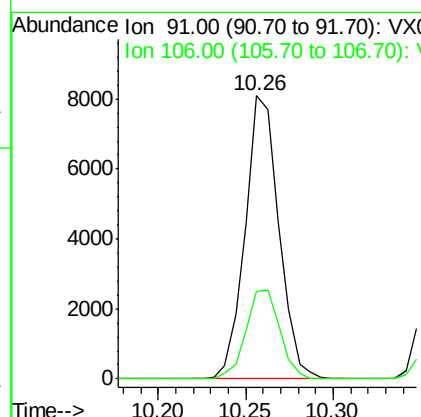
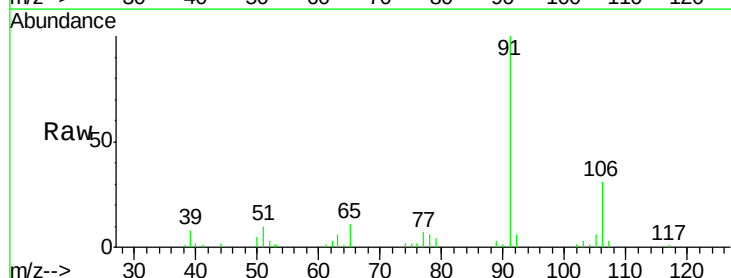
Manual Integrations
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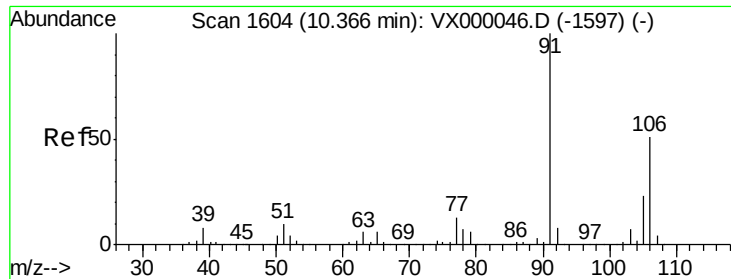
MMDadoda
 2/16/2018 2:28:03 PM



#67
 Ethyl Benzene
 Concen: 2.00 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion: 91 Resp: 10844
 Ion Ratio Lower Upper
 91 100
 106 31.1 25.9 38.9





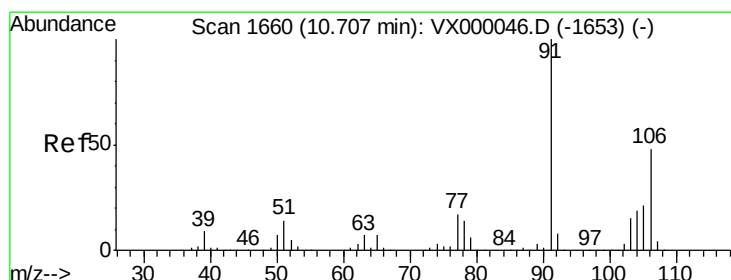
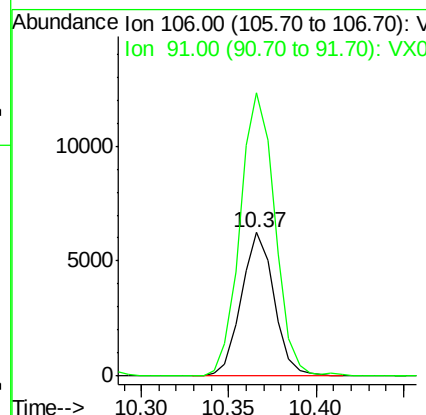
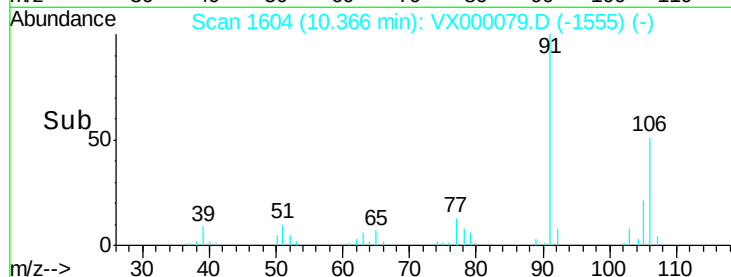
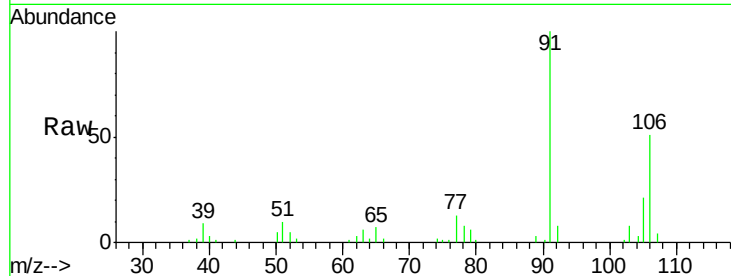
#68
m/p-Xylenes
Concen: 3.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion:106 Resp: 8149
Ion Ratio Lower Upper
106 100
91 209.3 158.3 237.5

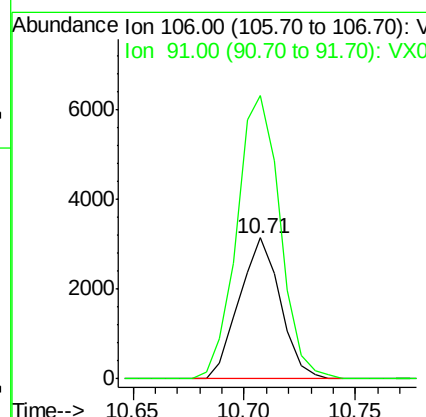
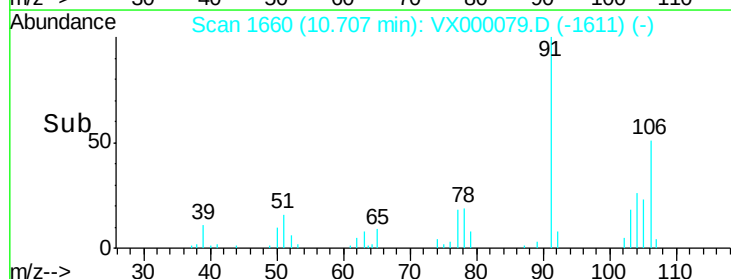
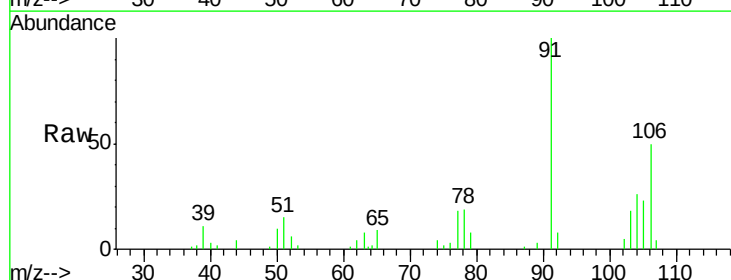
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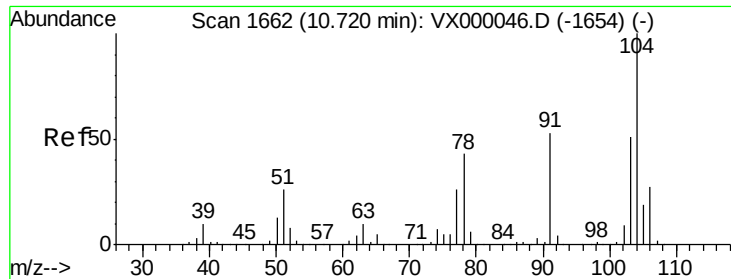
MMDadoda
2/16/2018 2:28:03 PM



#69
o-Xylene
Concen: 1.94 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion:106 Resp: 4045
Ion Ratio Lower Upper
106 100
91 211.0 104.0 312.0





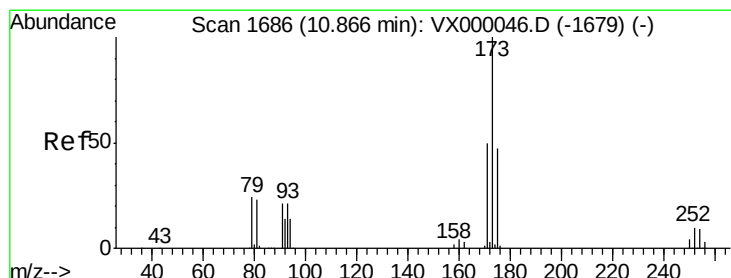
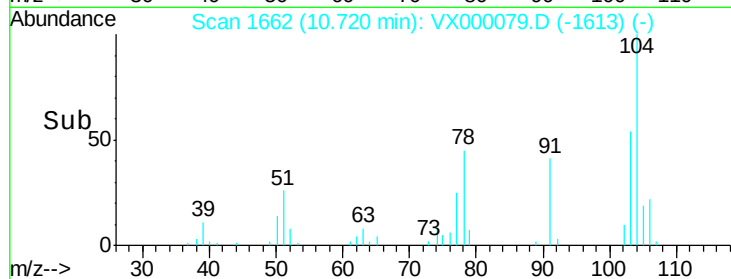
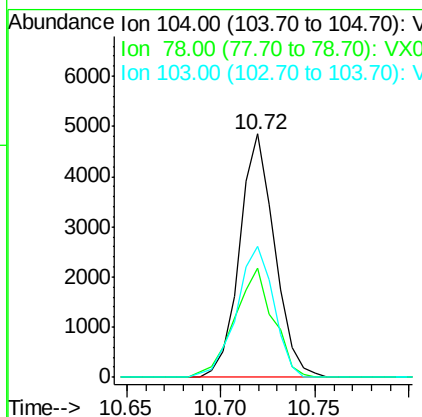
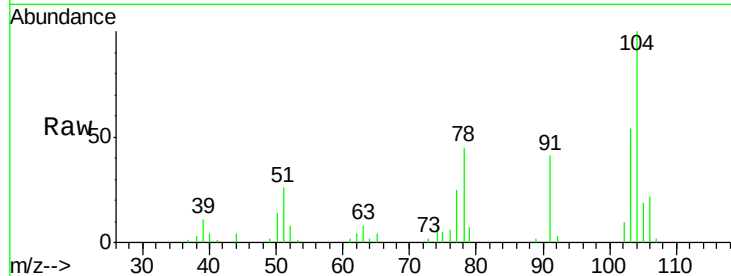
#70
Stvrene
Concen: 1.77 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion:104 Resp: 6246
Ion Ratio Lower Upper
104 100
78 49.9 37.7 56.5
103 57.2 44.0 66.0

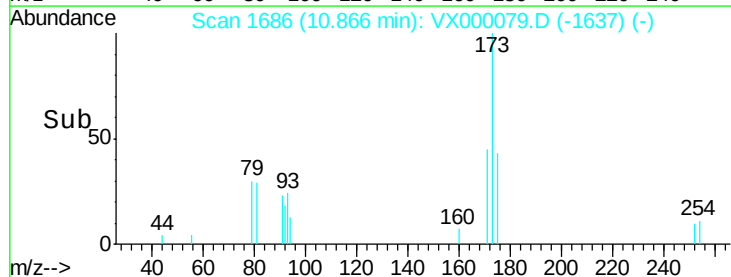
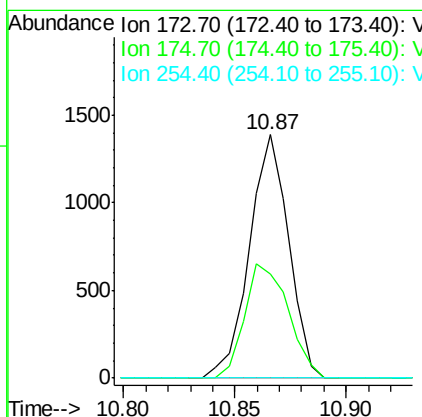
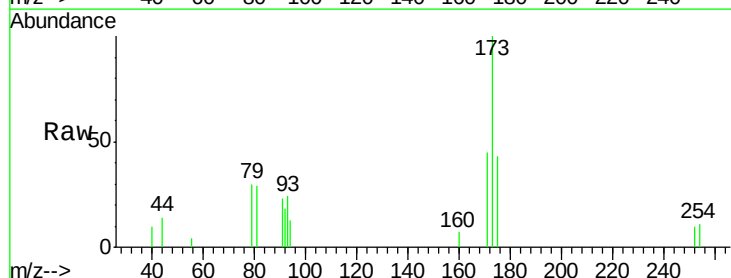
Manual Integrations
APPROVED

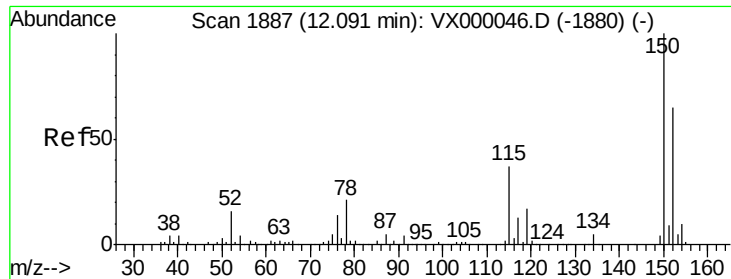
MMDadoda
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#71
Bromoform
Concen: 1.53 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion:173 Resp: 1707
Ion Ratio Lower Upper
173 100
175 51.9 23.9 71.8
254 0.0 0.1 0.1#





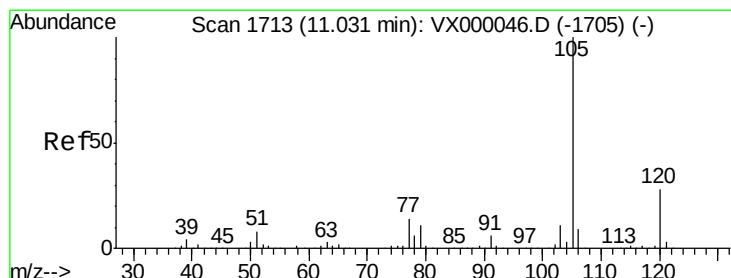
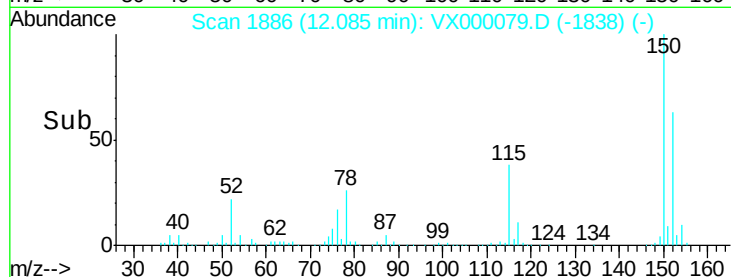
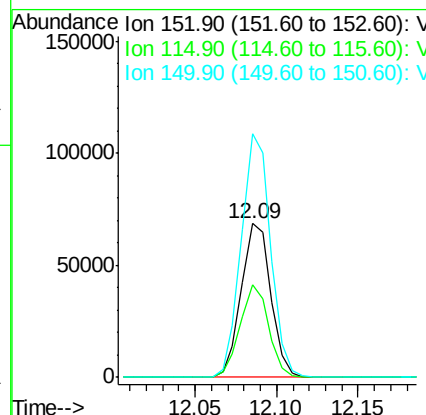
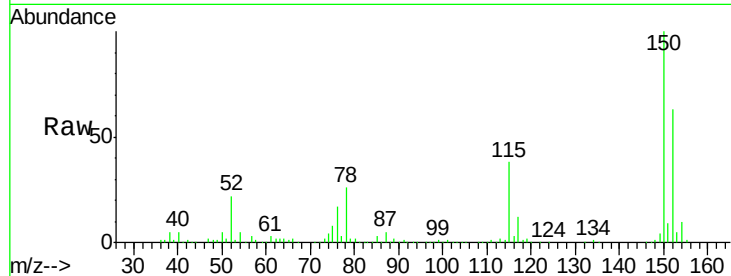
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	39.3	117.8
150	157.3	0.0	349.2

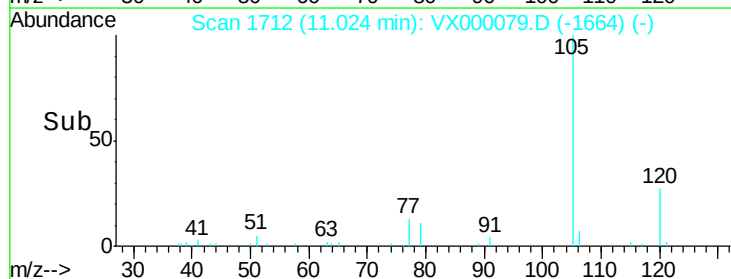
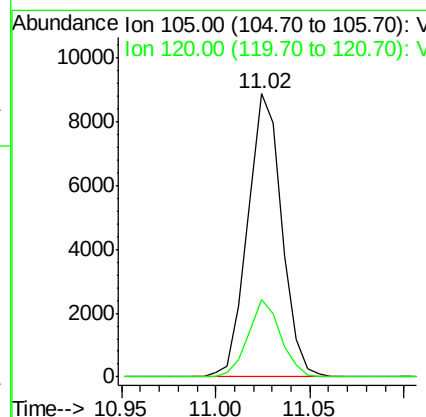
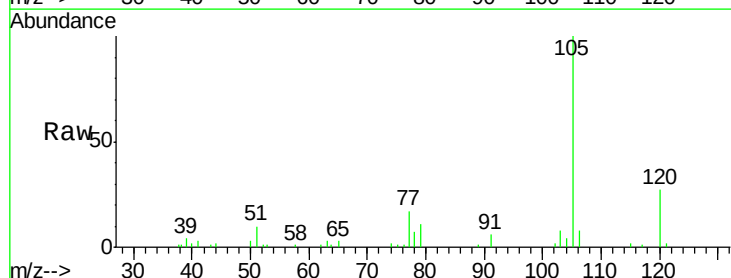
Manual Integrations
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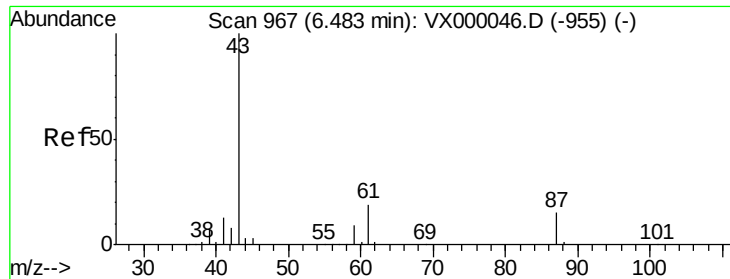
MMDadoda
 2/16/2018 2:28:03 PM



#73
 Isopropylbenzene
 Concen: 2.03 ug/l
 RT: 11.02 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	13.8	41.3





#74

N-amvl acetate

Concen: 1.99 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

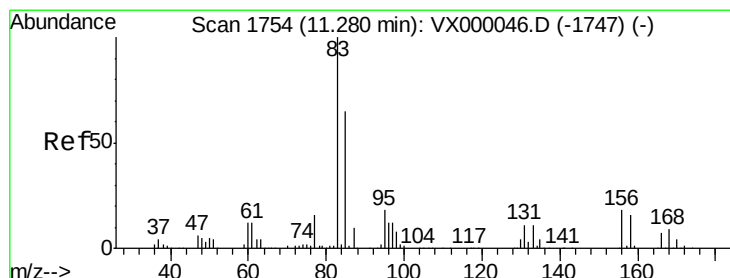
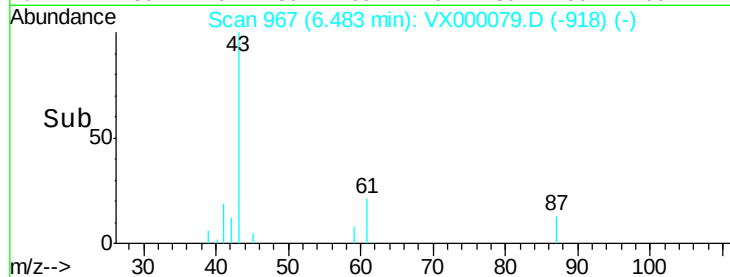
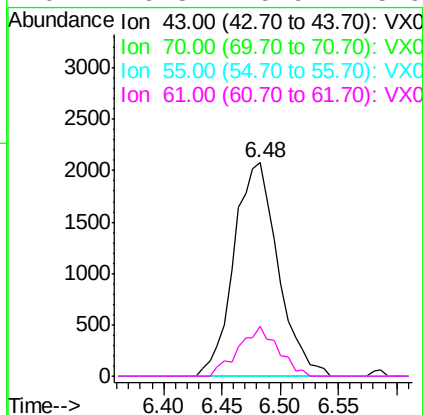
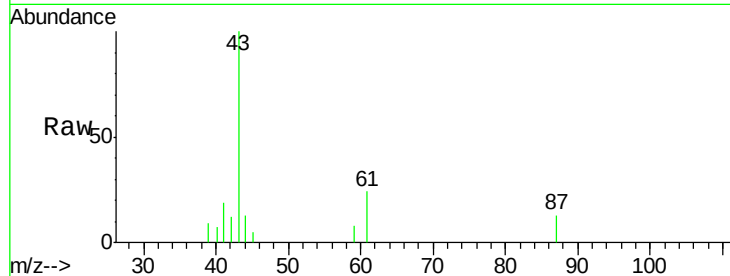
ClientSampled :

MDL04 2.00PPB

Tot Ion:	43	Resp:	5480
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	20.8	15.9	23.9

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.97 ug/l

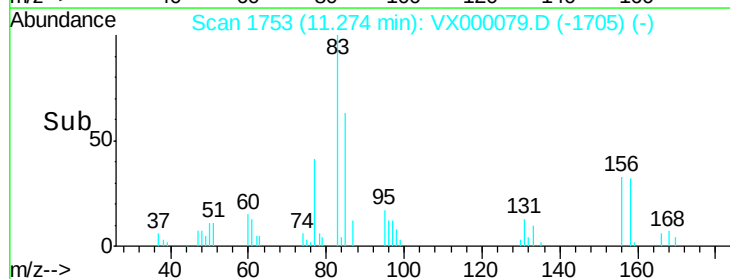
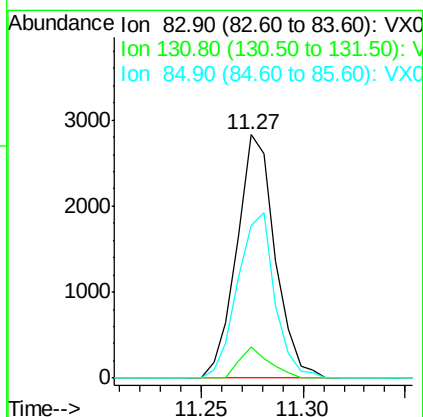
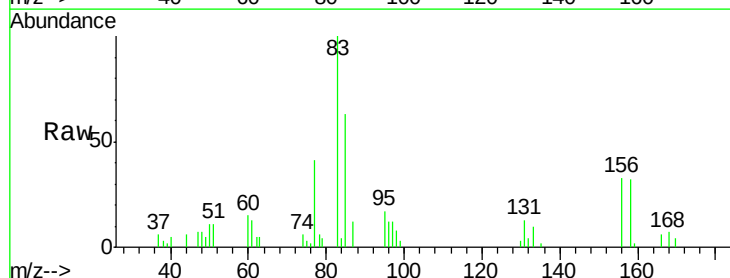
RT: 11.27 min Scan# 1753

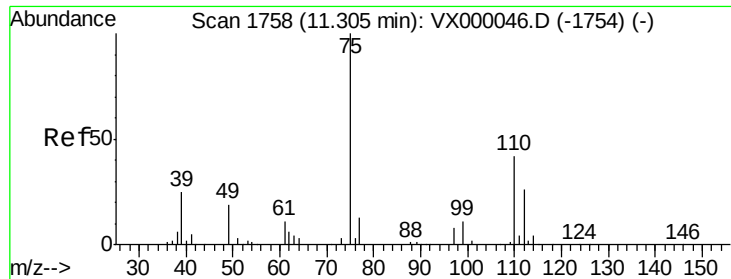
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	83	Resp:	3687
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.5	16.7
85	65.7	32.6	97.7





#76

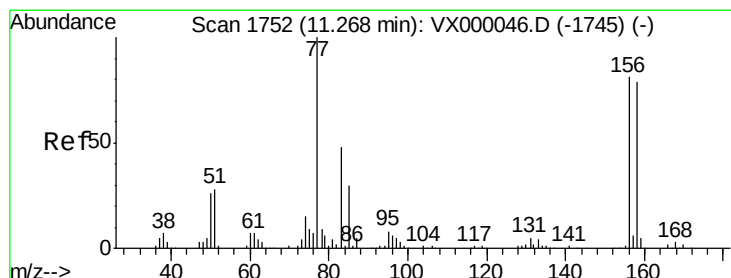
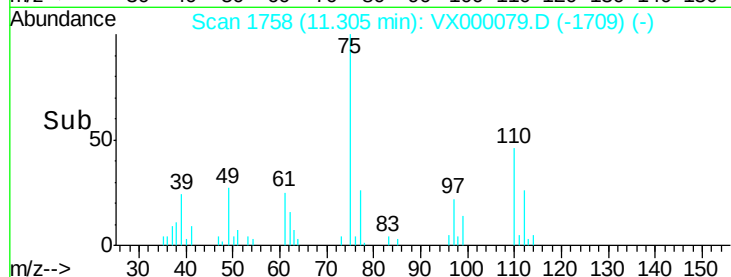
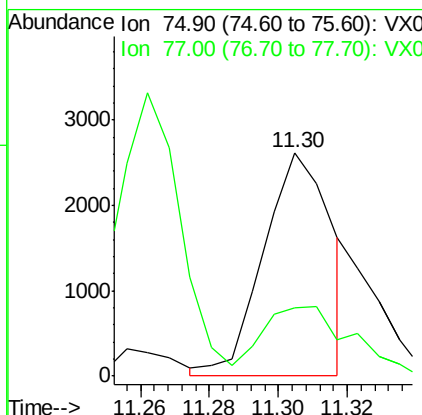
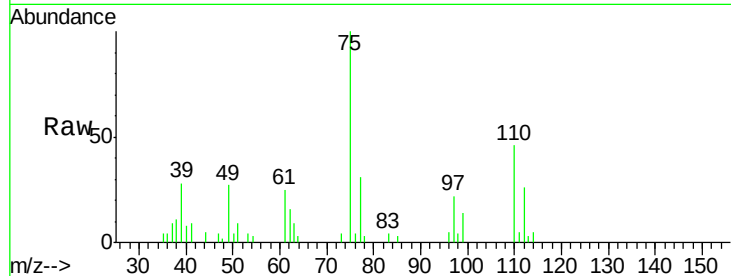
1,2,3-Trichloropropane
Concen: 2.19 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Instrument :
ClientSampled :
MDL04 2.00PPB

Tot Ion: 75 Resp: 3575
Ion Ratio Lower Upper
75 100
77 40.8 23.7 71.1

Manual Integrations
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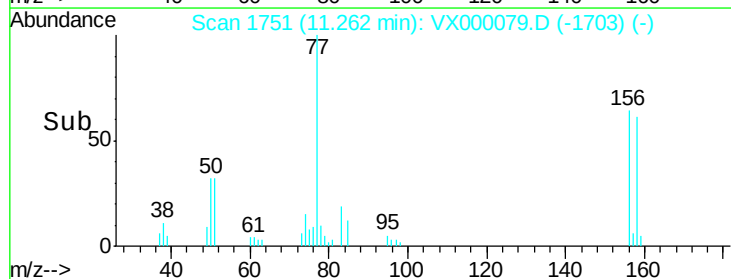
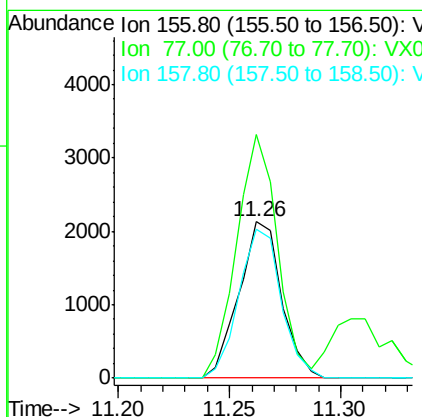
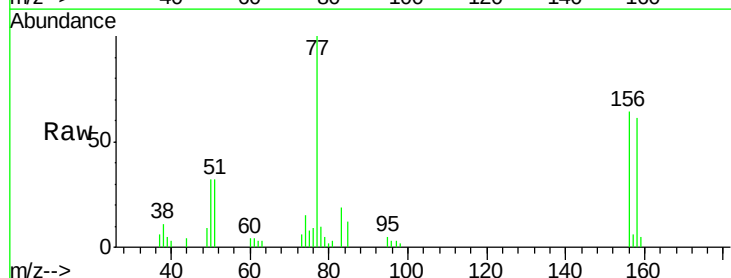
MM Dadoda
2/16/2018 2:28:03 PM

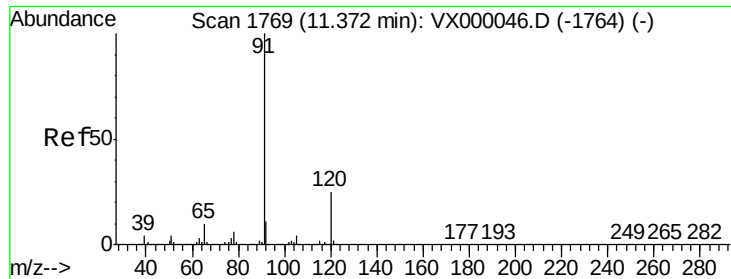


#77

Bromobenzene
Concen: 1.91 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.01 min
Lab File: VX000079.D
Acq: 13 Feb 2018 16:54

Tgt Ion: 156 Resp: 2850
Ion Ratio Lower Upper
156 100
77 149.1 66.2 198.6
158 94.8 48.6 145.9





#78

n-propylbenzene

Concen: 2.05 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 91 Resp: 13054

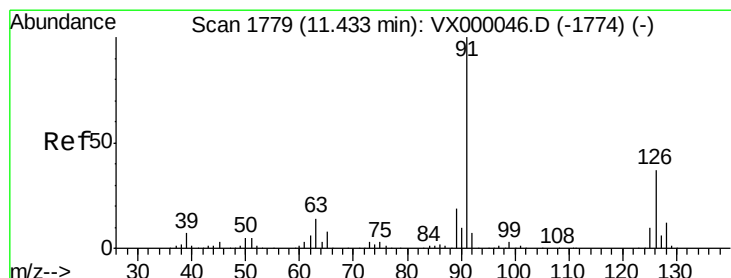
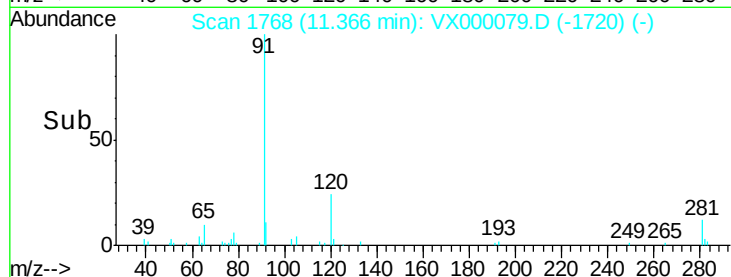
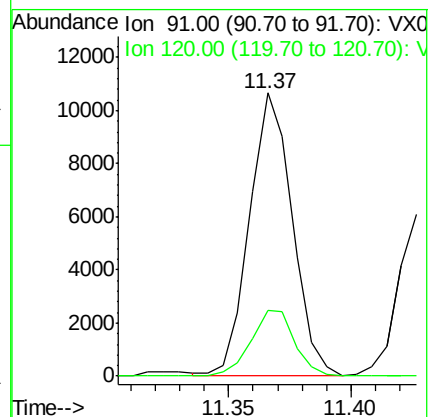
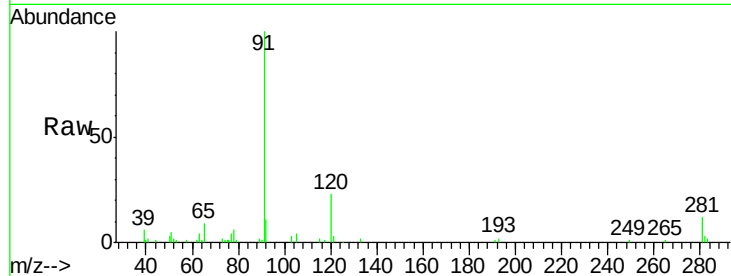
Ion Ratio Lower Upper

91 100

120 23.5 12.2 36.6

Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



#79

2-Chlorotoluene

Concen: 2.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000079.D

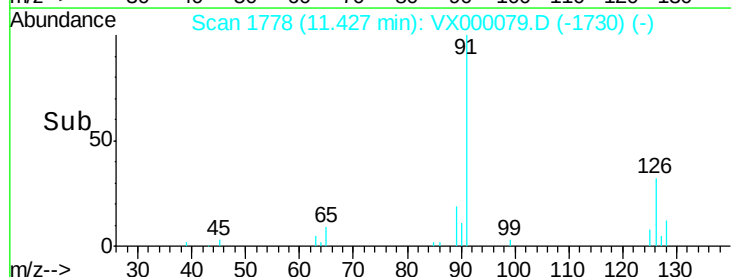
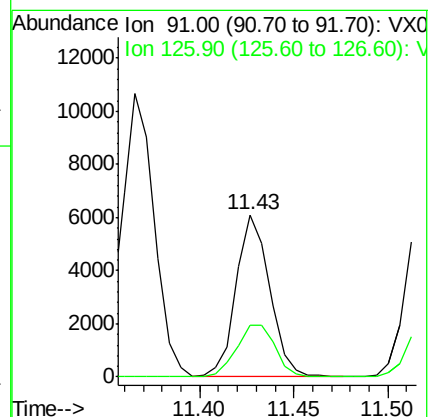
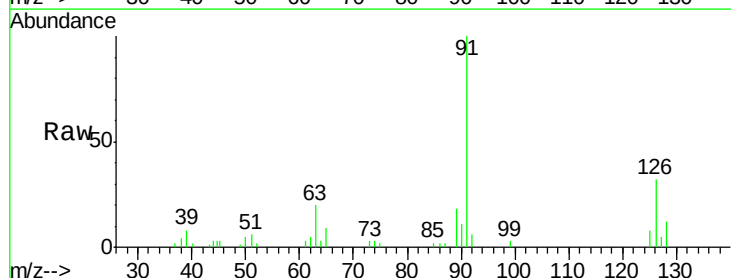
Acq: 13 Feb 2018 16:54

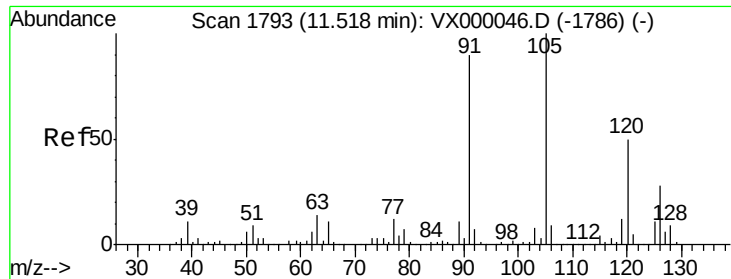
Tgt Ion: 91 Resp: 7589

Ion Ratio Lower Upper

91 100

126 36.1 18.2 54.6





#80

1,3,5-Trimethylbenzene

Concen: 1.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion:105 Resp: 8910

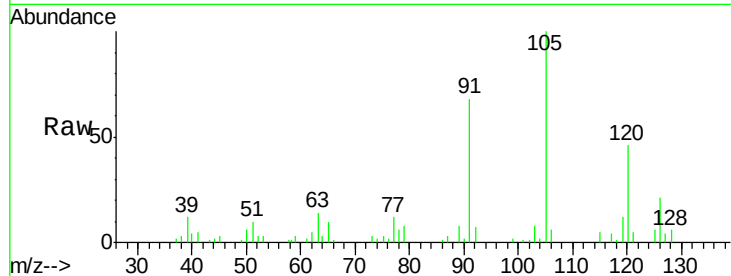
Ion Ratio Lower Upper

105 100

120 47.2 24.8 74.3

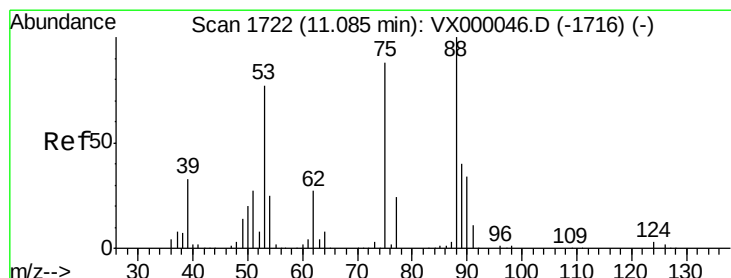
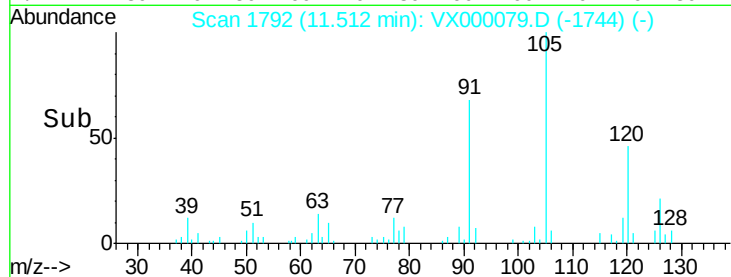
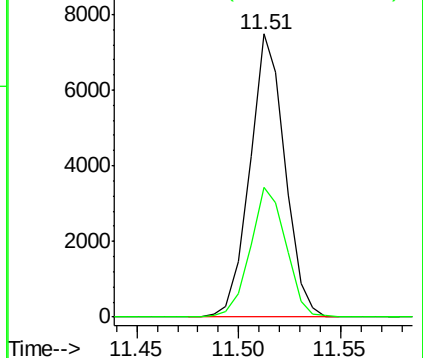
Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 1.50 ug/l m

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

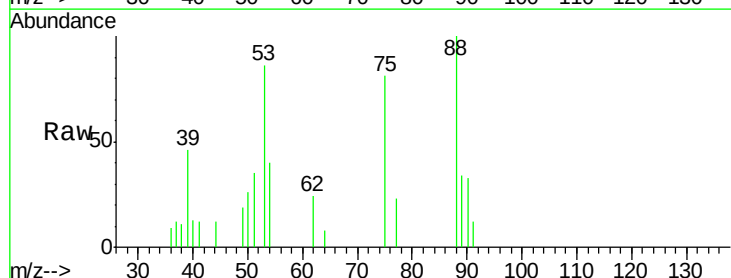
Tgt Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

53 0.0 70.3 105.5#

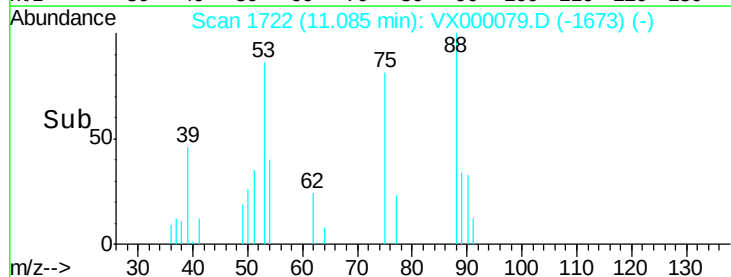
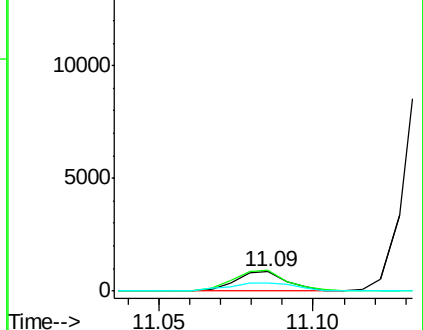
89 0.0 48.6 72.8#

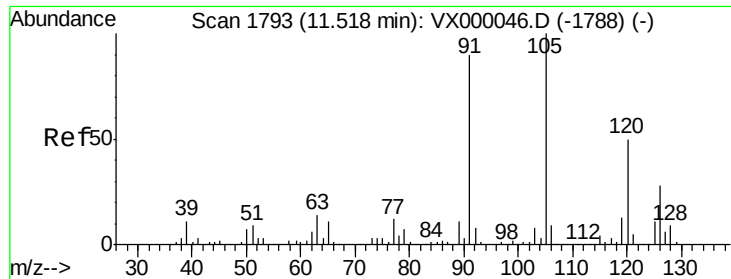


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#82

4-Chlorotoluene

Concen: 2.01 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion: 91 Resp: 8852

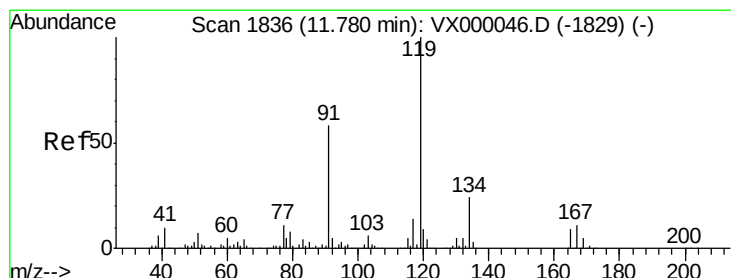
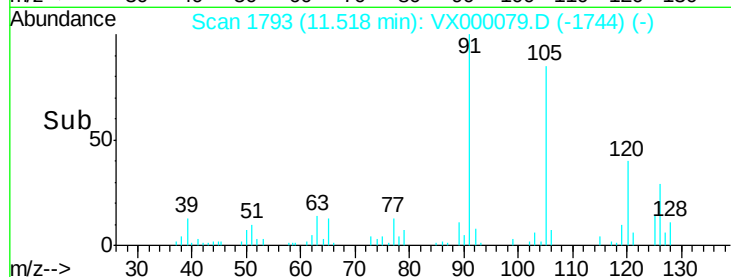
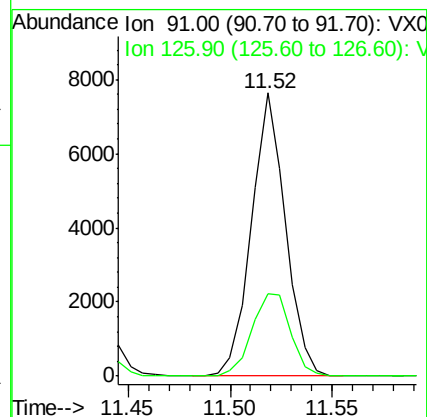
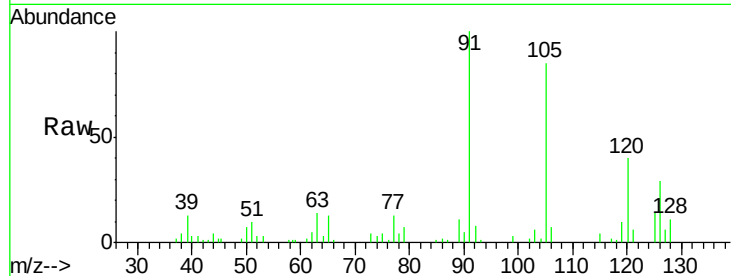
Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.8

Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



#83

tert-Butylbenzene

Concen: 1.99 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

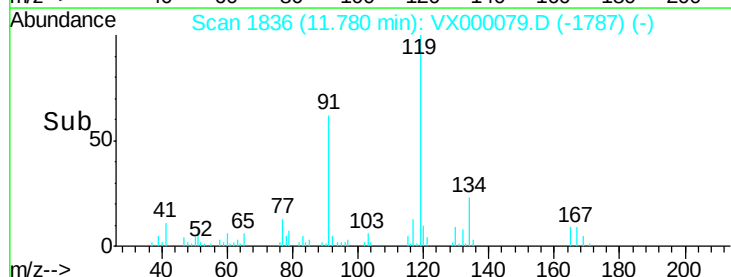
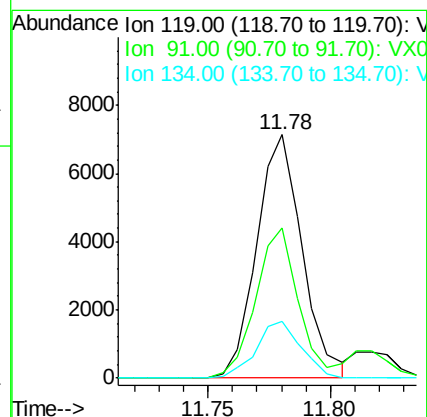
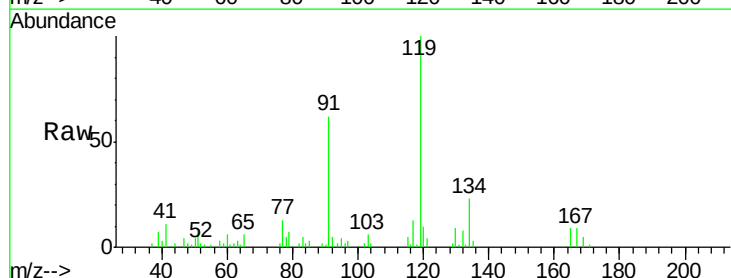
Tgt Ion: 119 Resp: 9260

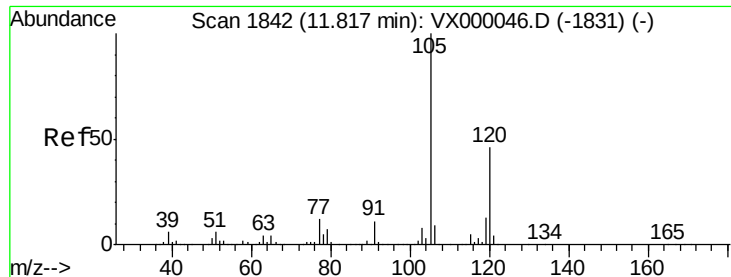
Ion Ratio Lower Upper

119 100

91 57.5 27.9 83.7

134 23.1 11.7 35.1





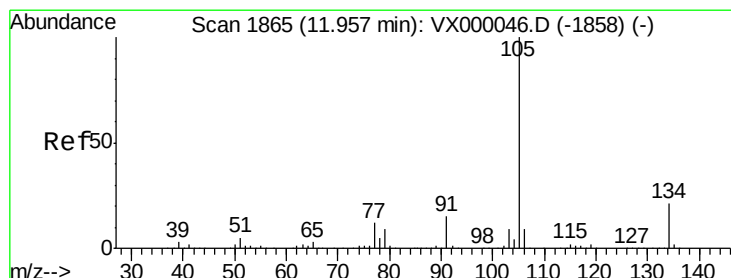
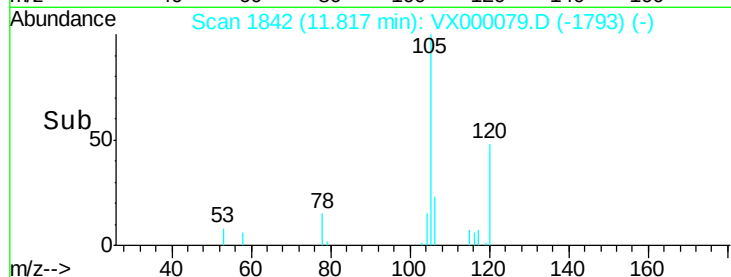
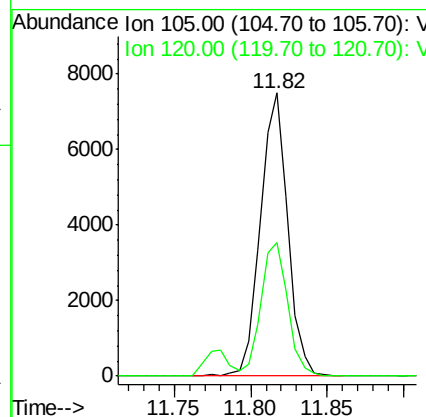
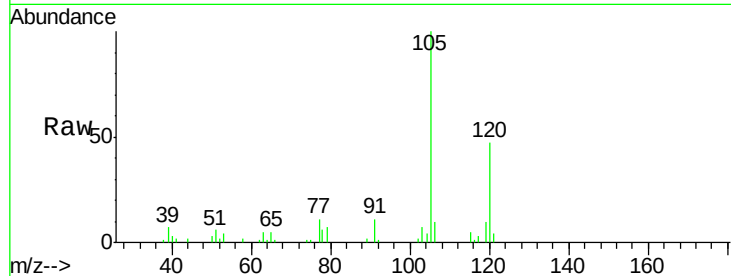
#84
 1,2,4-Trimethylbenzene
 Concen: 1.98 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion:105 Resp: 9330
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.4 70.2

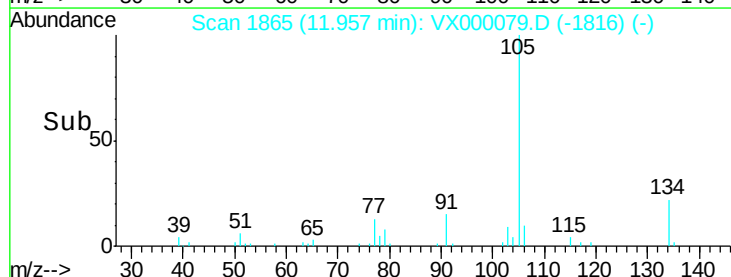
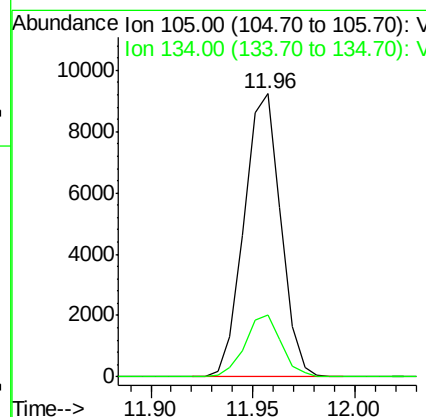
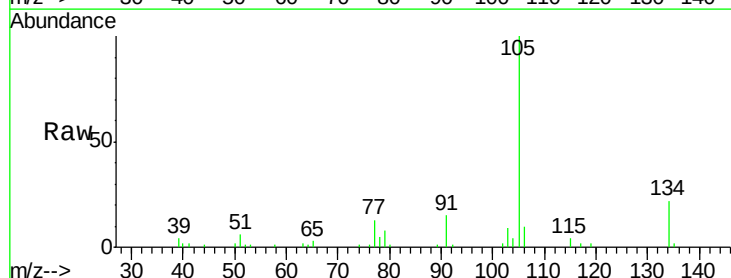
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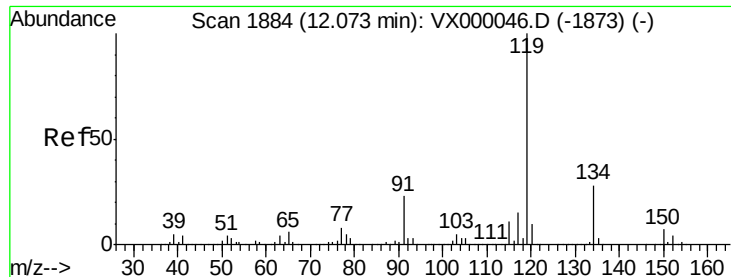
MMDadoda
 2/16/2018 2:28:03 PM



#85
 sec-Butylbenzene
 Concen: 2.01 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion:105 Resp: 11528
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.6 31.8





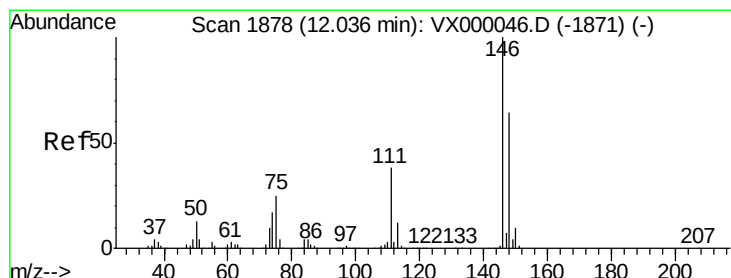
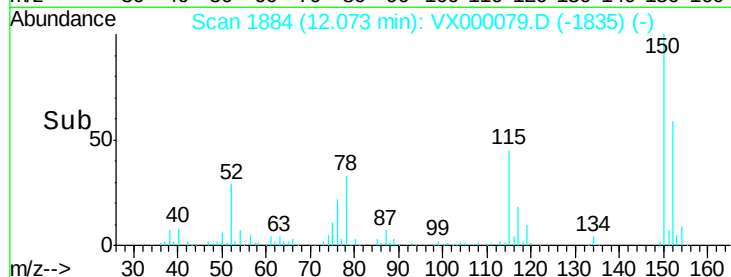
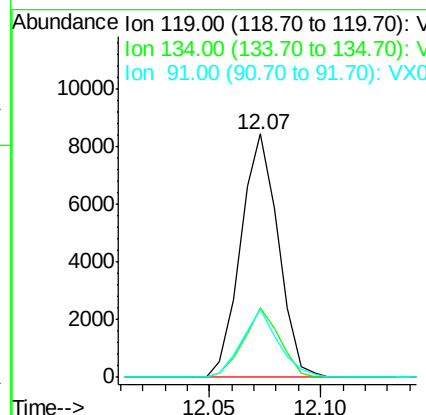
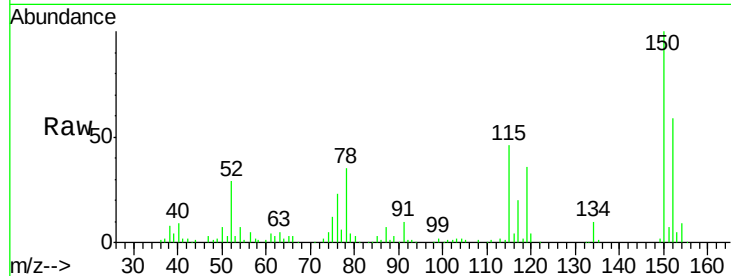
#86
 p-Isopropyltoluene
 Concen: 1.92 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
119	100	9891		
134	27.8	14.0	41.9	
91	27.5	11.6	34.7	

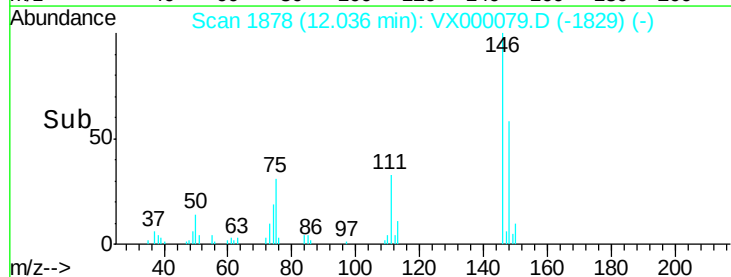
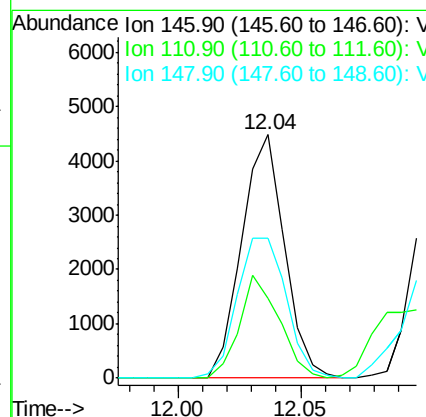
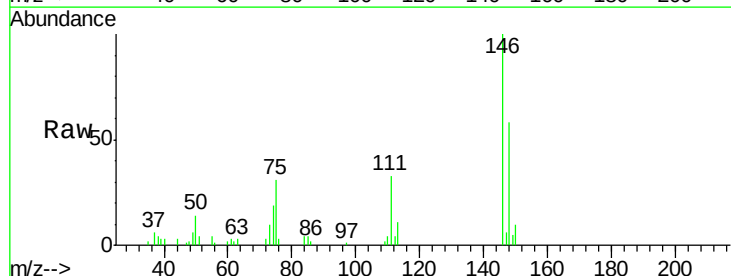
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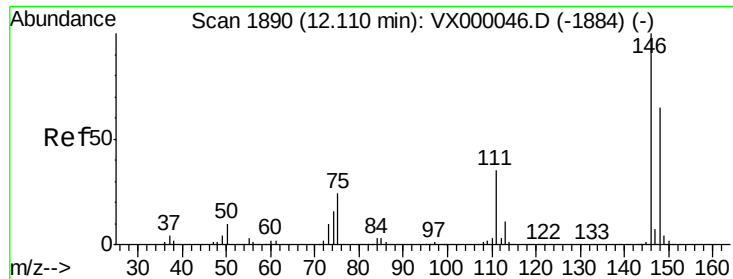
MMDadoda
 2/16/2018 2:28:03 PM



#87
 1,3-Dichlorobenzene
 Concen: 1.93 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	5442		
111	39.0	18.9	56.9	
148	66.3	31.8	95.4	





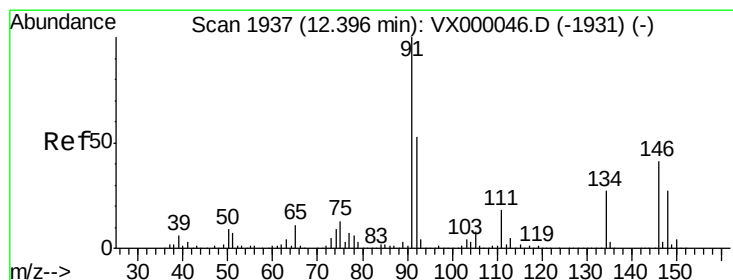
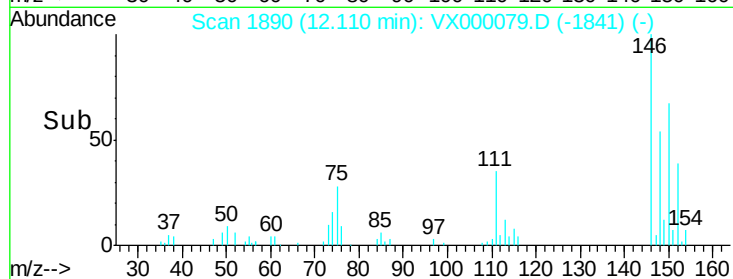
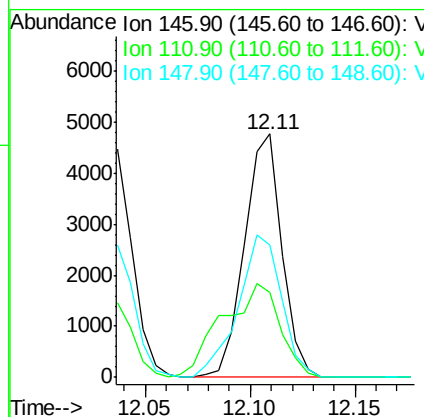
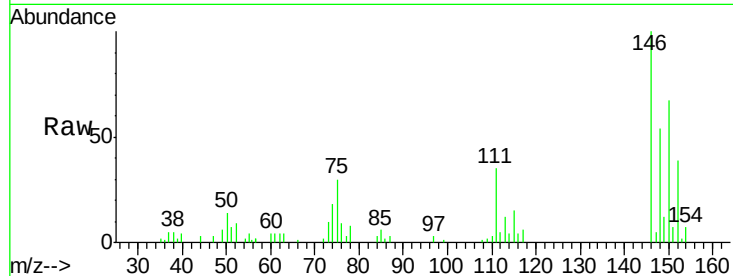
#88
 1,4-Dichlorobenzene
 Concen: 2.04 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.7	56.1
148	61.3	32.1	96.5

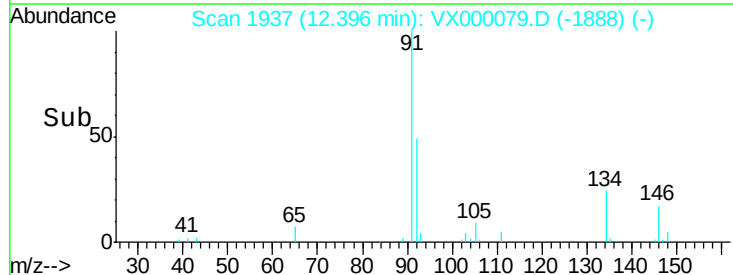
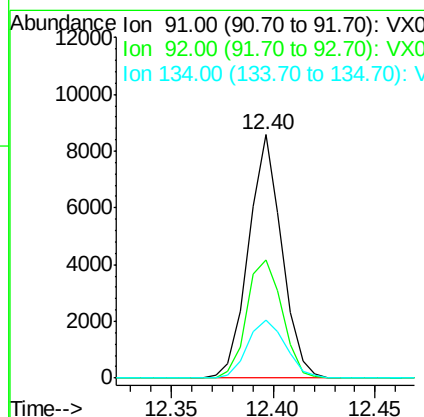
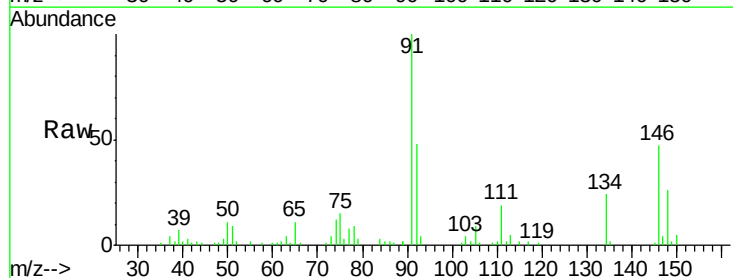
Manual Integrations
 APPROVED

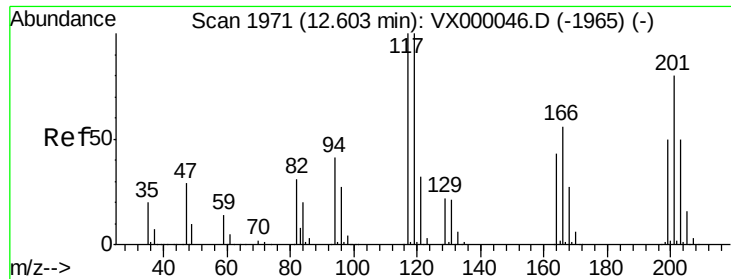
MMDadoda
 2/16/2018 2:28:03 PM



#89
 n-Butylbenzene
 Concen: 2.01 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	27.5	14.1	42.2





#90

Hexachloroethane

Concen: 1.72 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

ClientSampled :

MDL04 2.00PPB

Tot Ion:117 Resp: 1547

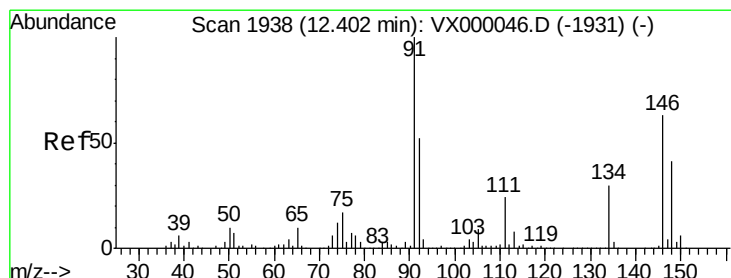
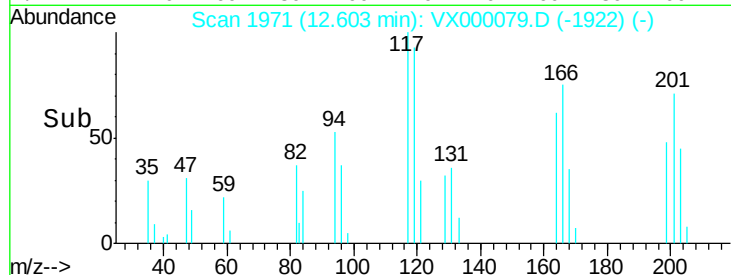
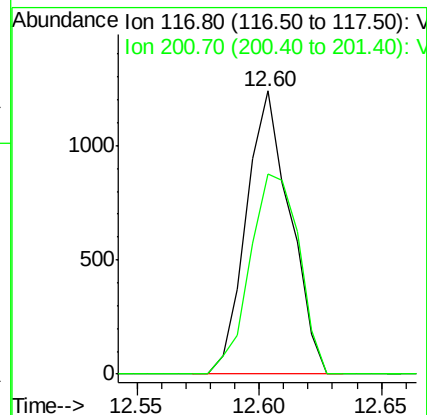
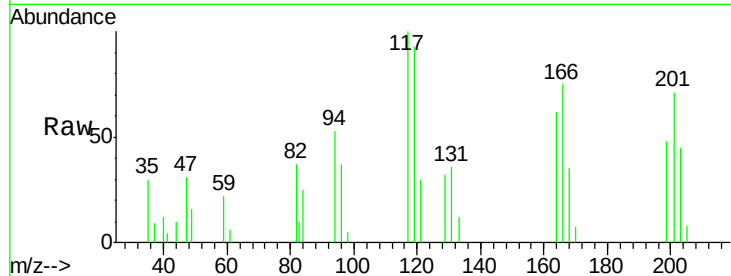
Ion Ratio Lower Upper

117 100

201 79.4 43.5 130.7

Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



#91

1,2-Dichlorobenzene

Concen: 2.01 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

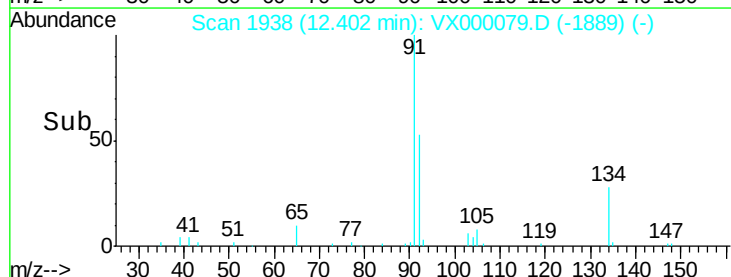
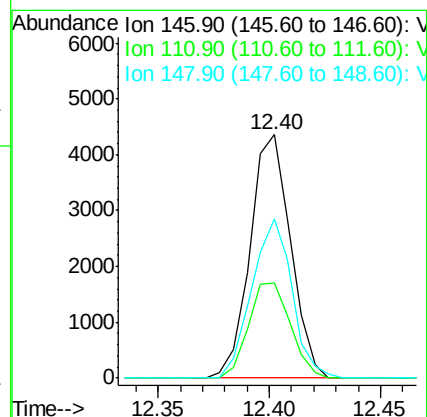
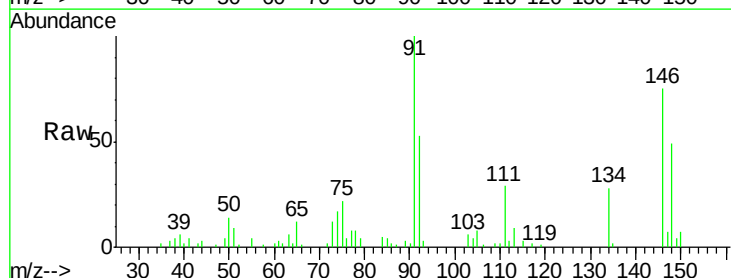
Tgt Ion:146 Resp: 5531

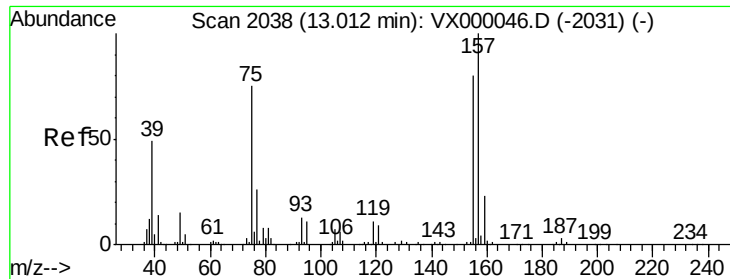
Ion Ratio Lower Upper

146 100

111 40.5 19.4 58.2

148 64.6 32.0 96.2





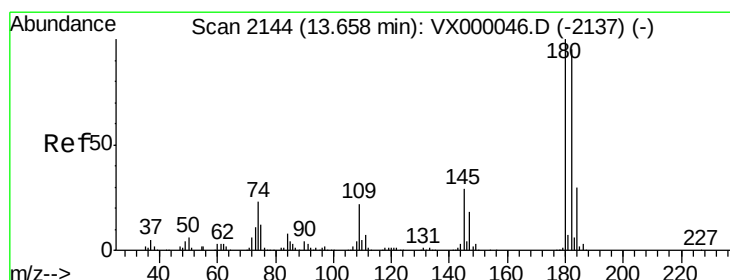
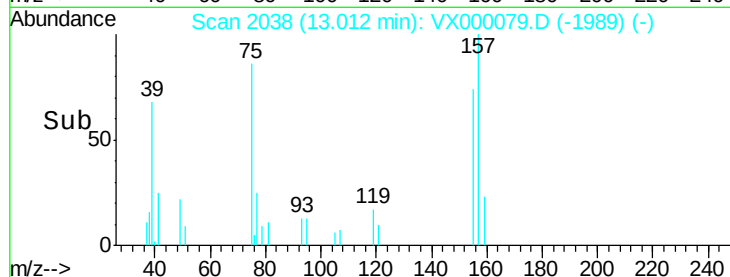
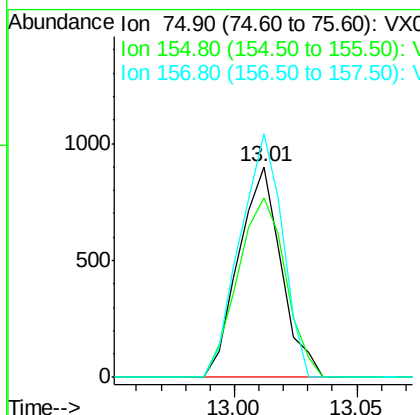
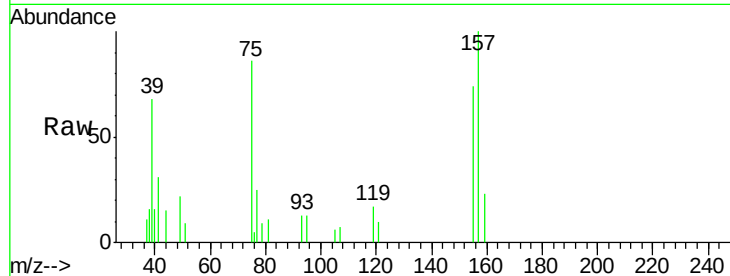
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.04 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampled :
 MDL04 2.00PPB

Tot Ion: 75 Resp: 1093
 Ion Ratio Lower Upper
 75 100
 155 95.7 52.0 156.0
 157 114.9 65.3 195.9

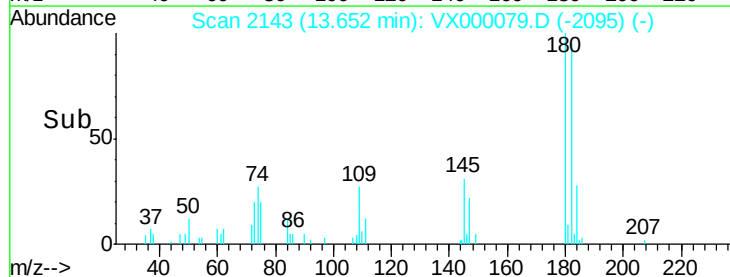
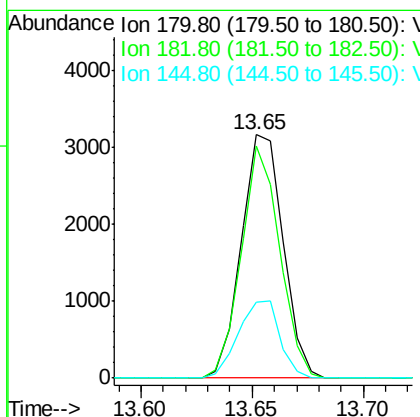
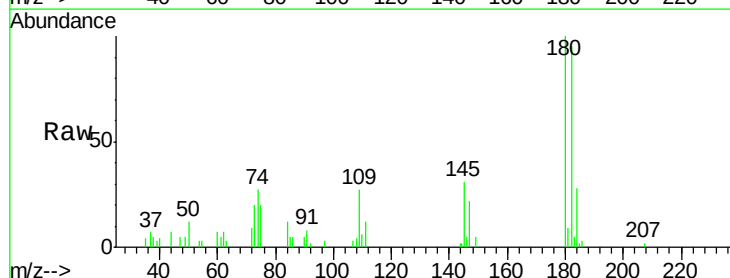
Manual Integrations
 APPROVED

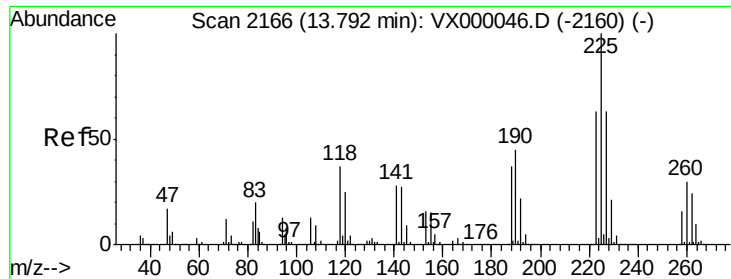
MMDadoda
 2/16/2018 2:28:03 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 1.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Tgt Ion:180 Resp: 4138
 Ion Ratio Lower Upper
 180 100
 182 87.8 48.0 144.0
 145 31.4 14.7 44.1





#94

Hexachlorobutadiene

Concen: 1.96 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Instrument :

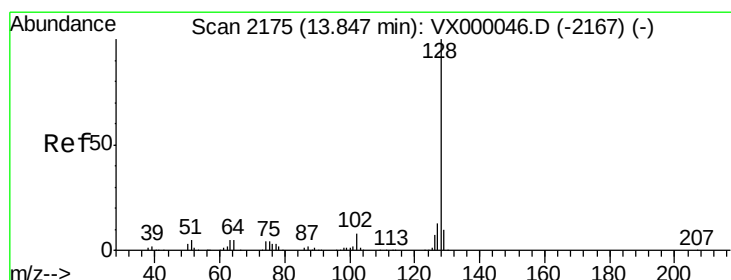
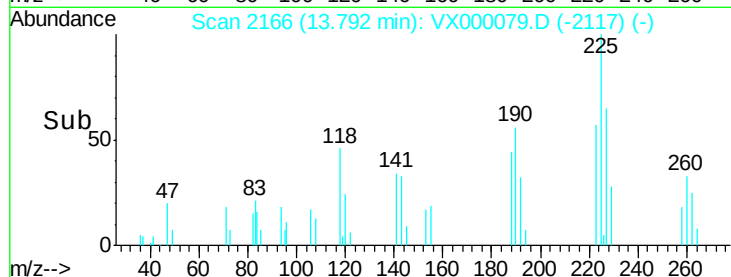
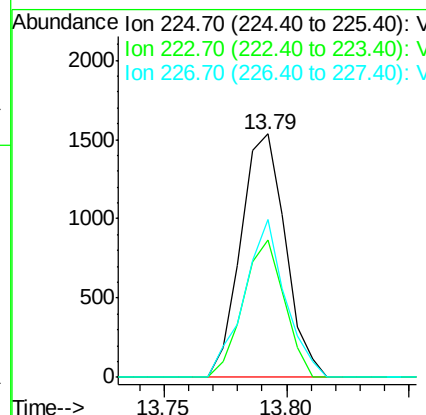
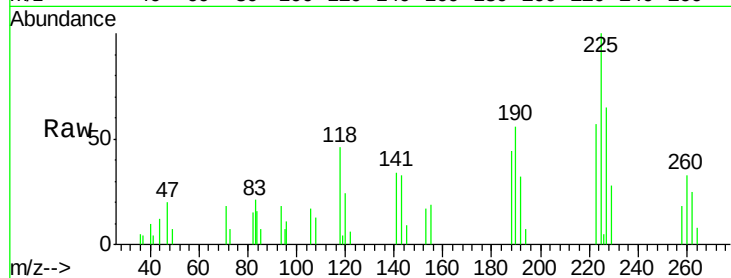
ClientSampled :

MDL04 2.00PPB

Tot Ion:	225	Resp:	1949
Ion Ratio	Lower	Upper	
225	100		
223	51.8	31.9	95.5
227	59.7	31.6	95.0

Manual Integrations
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MMDadoda
2/16/2018 2:28:03 PM



#95

Naphthalene

Concen: 1.99 ug/l

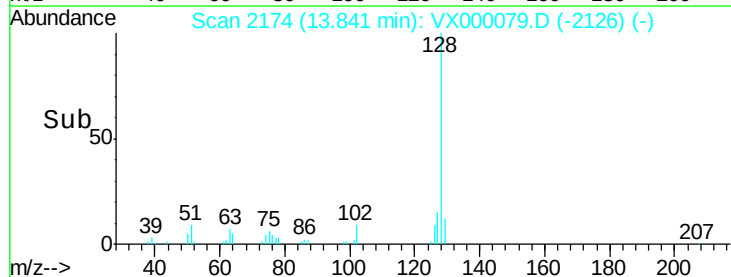
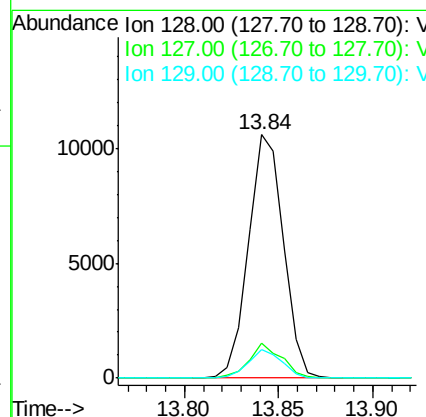
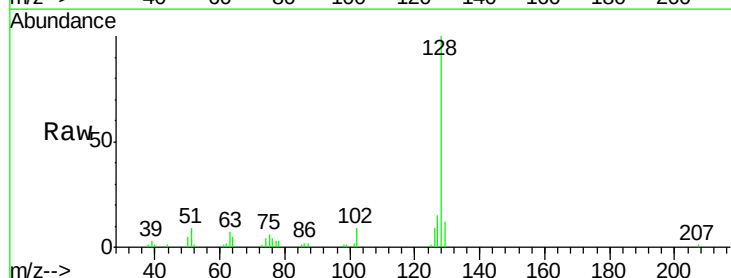
RT: 13.84 min Scan# 2174

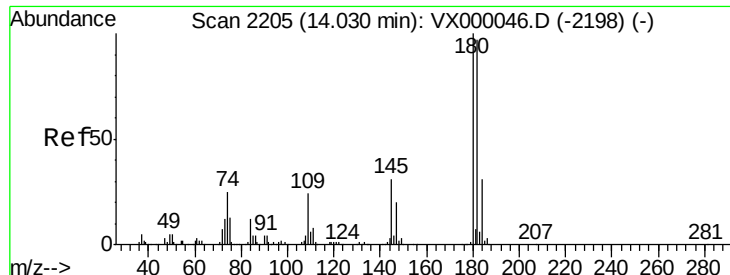
Delta R.T. -0.01 min

Lab File: VX000079.D

Acq: 13 Feb 2018 16:54

Tgt Ion:	128	Resp:	13648
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	11.2	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.90 ua/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000079.D
 Acq: 13 Feb 2018 16:54

Instrument :
 ClientSampleId :
 MDL04 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
180	100	3902		
182	95.4		47.9	143.7
145	37.4		15.7	47.0

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:03 PM

