

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000081.D
 Acq On : 13 Feb 2018 17:47
 Operator : JC/MD
 Sample : MDL06 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL06 2.00PPB

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:05 PM

Quant Time: Feb 14 03:33:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	96984	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	164757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	83106	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	56986	56.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.48%	
35) Dibromofluoromethane	5.52	113	47979	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.73	98	177176	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.15	95	70144	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2097	2.39	ug/l	94
3) Chloromethane	1.33	50	2091	2.34	ug/l #	87
4) Vinyl Chloride	1.41	62	2276	2.26	ug/l	98
5) Bromomethane	1.65	94	2346	4.35	ug/l	89
6) Chloroethane	1.73	64	2329m	3.84	ug/l	
7) Trichlorofluoromethane	1.94	101	4169	2.37	ug/l	88
8) Diethyl Ether	2.20	74	1339	2.10	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2263	2.28	ug/l	97
10) Methyl Iodide	2.52	142	1631	3.00	ug/l	98
11) Tert butyl alcohol	3.07	59	5494	13.55	ug/l	98
12) 1,1-Dichloroethene	2.38	96	2130	2.26	ug/l	96
13) Acrolein	2.30	56	2471	11.87	ug/l #	72
14) Allyl chloride	2.73	41	3577	2.18	ug/l #	85
15) Acrylonitrile	3.16	53	8981	12.71	ug/l	99
16) Acetone	2.45	43	8908	14.85	ug/l	96
17) Carbon Disulfide	2.58	76	5927	2.16	ug/l	95
18) Methyl Acetate	2.79	43	4168	2.76	ug/l	100
19) Methyl tert-butyl Ether	3.22	73	7418	2.30	ug/l	92
20) Methylene Chloride	2.87	84	2582	2.57	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	2227	2.20	ug/l	98
22) Diisopropyl ether	3.89	45	5996	2.21	ug/l	97
23) Vinyl Acetate	3.84	43	26004	10.62	ug/l	97
24) 1,1-Dichloroethane	3.71	63	3936	2.34	ug/l #	94
25) 2-Butanone	4.73	43	11892	13.13	ug/l	97
26) 2,2-Dichloropropane	4.60	77	3334	2.31	ug/l	92
27) cis-1,2-Dichloroethene	4.61	96	2243	2.26	ug/l	94
28) Bromochloromethane	5.04	49	1391	2.49	ug/l #	94
29) Tetrahydrofuran	5.19	42	7721	12.44	ug/l	97
30) Chloroform	5.23	83	3833	2.26	ug/l	98
31) Cyclohexane	5.59	56	3143	2.27	ug/l #	81
32) 1,1,1-Trichloroethane	5.51	97	3474	2.18	ug/l	98
36) 1,1-Dichloropropene	5.81	75	2906	2.03	ug/l	96
37) Ethyl Acetate	4.88	43	4276	2.31	ug/l	99
38) Carbon Tetrachloride	5.80	117	3336	2.07	ug/l #	79

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	3187	1.83	ug/l	94
40) Benzene	6.16	78	8295	2.05	ug/l	90
41) Methacrylonitrile	5.07	41	2312	2.43	ug/l	91
42) 1,2-Dichloroethane	6.21	62	3169	2.19	ug/l	91
43) Isopropyl Acetate	6.49	43	5923	2.12	ug/l	96
44) Trichloroethene	7.23	130	2279	1.82	ug/l	86
45) 1,2-Dichloropropane	7.52	63	2101	2.13	ug/l	99
46) Dibromomethane	7.68	93	1500	1.97	ug/l	94
47) Bromodichloromethane	7.91	83	2880	1.95	ug/l	97
48) Methyl methacrylate	7.79	41	2722	1.99	ug/l	92
49) 1,4-Dioxane	7.77	88	1393	38.15	ug/l #	86
51) 4-Methyl-2-Pentanone	8.66	43	20515	10.54	ug/l	97
52) Toluene	8.79	92	5580	2.05	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	3216	1.86	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	3044	1.81	ug/l	93
55) 1,1,2-Trichloroethane	9.23	97	2257	1.98	ug/l	87
56) Ethyl methacrylate	9.20	69	3285	1.87	ug/l #	93
57) 1,3-Dichloropropane	9.38	76	3696	2.08	ug/l	96
59) 2-Hexanone	9.51	43	17650	11.15	ug/l	97
60) Dibromochloromethane	9.59	129	2388	1.82	ug/l	97
61) 1,2-Dibromoethane	9.68	107	2434	1.93	ug/l	99
64) Tetrachloroethene	9.34	164	2131	1.85	ug/l	86
65) Chlorobenzene	10.15	112	6480	2.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	2189	1.89	ug/l #	65
67) Ethyl Benzene	10.26	91	10934	2.05	ug/l	98
68) m/p-Xylenes	10.37	106	8230	3.87	ug/l	100
69) o-Xylene	10.71	106	4188	2.04	ug/l	99
70) Stvrene	10.72	104	6236	1.80	ug/l	92
71) Bromoform	10.87	173	1728	1.58	ug/l #	100
73) Isopropylbenzene	11.02	105	10934	2.07	ug/l	99
74) N-amyl acetate	6.49	43	5923	2.24	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.28	83	3866	2.16	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	4084m	2.61	ug/l	
77) Bromobenzene	11.26	156	2745	1.92	ug/l	87
78) n-propylbenzene	11.37	91	12660	2.07	ug/l	98
79) 2-Chlorotoluene	11.43	91	7510	2.12	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	8973	2.03	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	1047m	1.66	ug/l	
82) 4-Chlorotoluene	11.52	91	8920	2.11	ug/l	98
83) tert-Butylbenzene	11.78	119	9199	2.06	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	9332	2.06	ug/l	98
85) sec-Butylbenzene	11.96	105	11388	2.07	ug/l	95
86) p-Isopropyltoluene	12.07	119	9712	1.97	ug/l	96
87) 1,3-Dichlorobenzene	12.04	146	5297	1.96	ug/l	94
88) 1,4-Dichlorobenzene	12.11	146	5704	2.07	ug/l	82
89) n-Butylbenzene	12.40	91	9336	2.02	ug/l	95
90) Hexachloroethane	12.60	117	1545	1.79	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	5381	2.04	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1176	2.29	ug/l	82
93) 1,2,4-Trichlorobenzene	13.65	180	3864	1.92	ug/l	95

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MDL06 2.00PPB

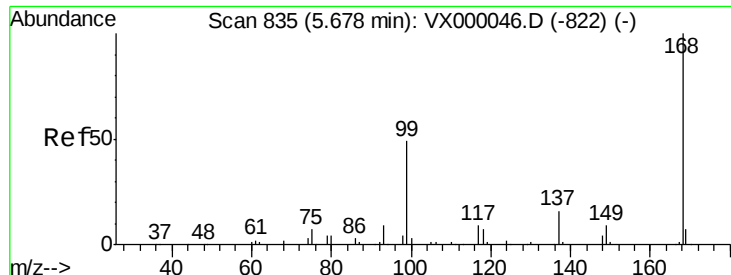
Manual Integrations
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2/16/2018 2:28:05 PM

Quant Time: Feb 14 03:33:03 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)
94) Hexachlorobutadiene	13.79	225	1787	1.88	ug/l	97
95) Naphthalene	13.84	128	13491	2.06	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	4170	2.12	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampleId :

MDL06 2.00PPB

Tot Ion:168 Resp: 96984

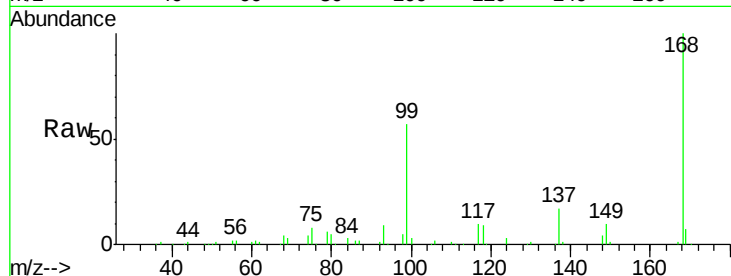
Ion Ratio Lower Upper

168 100

99 56.5 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

30000

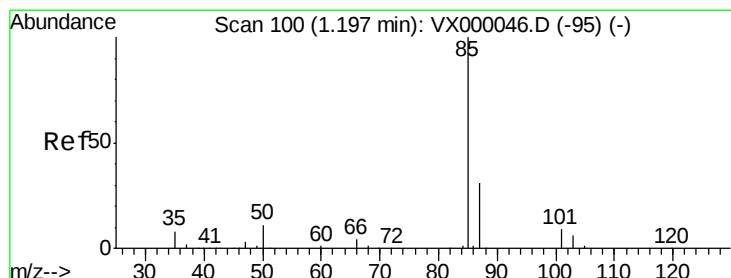
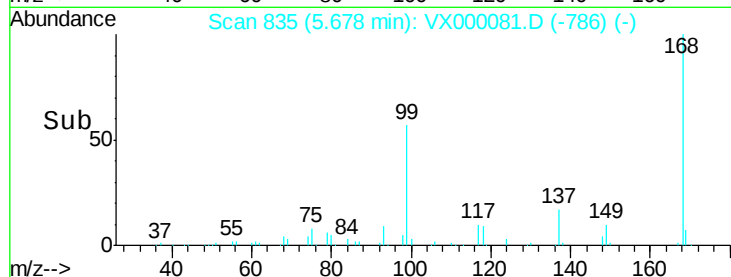
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 2.39 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000081.D

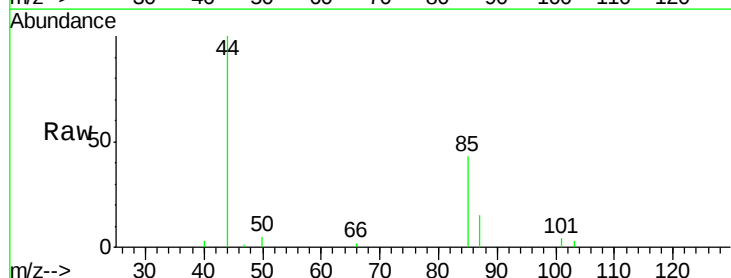
Acq: 13 Feb 2018 17:47

Tgt Ion: 85 Resp: 2097

Ion Ratio Lower Upper

85 100

87 34.9 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

2000

1500

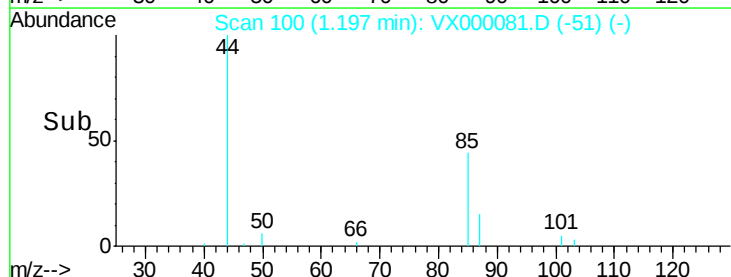
1000

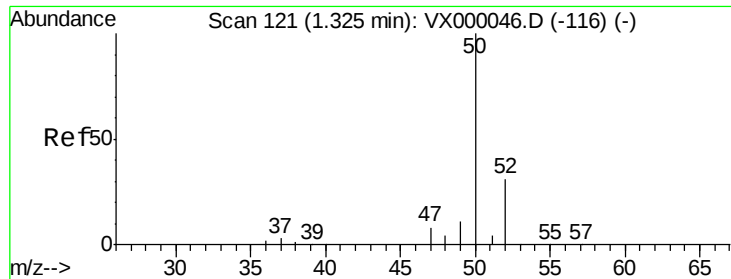
500

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 2.34 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion: 50 Resp: 2091

Ion Ratio Lower Upper

50 100

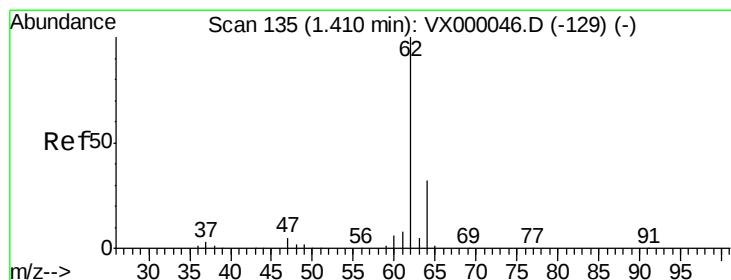
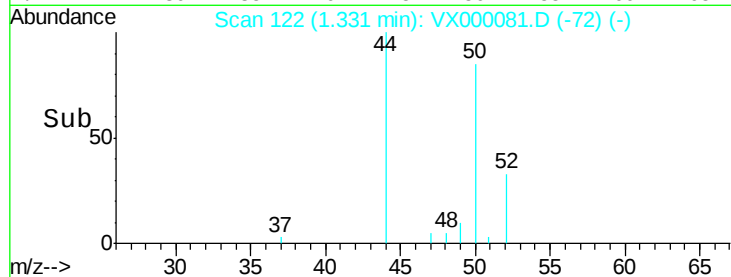
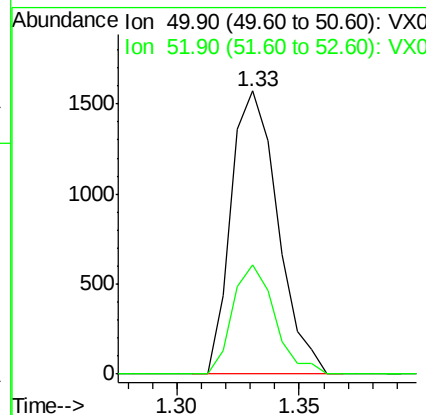
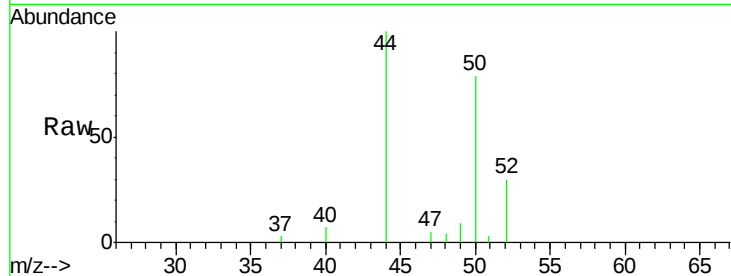
52 38.7 25.0 37.6#

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.26 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000081.D

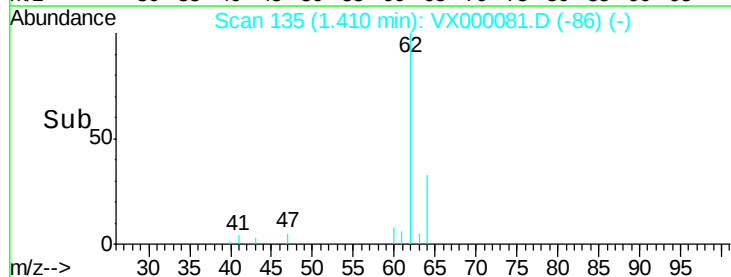
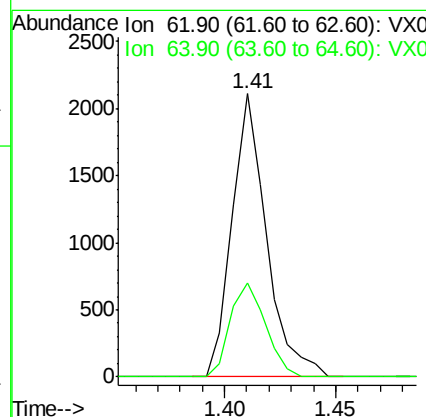
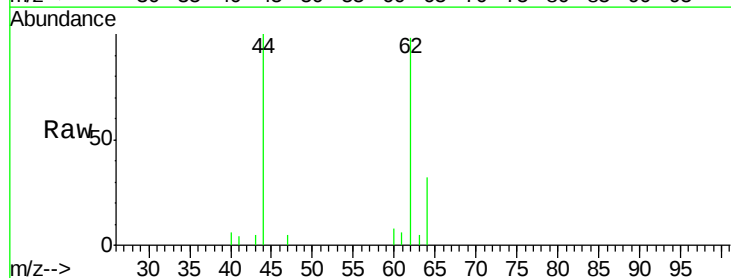
Acq: 13 Feb 2018 17:47

Tgt Ion: 62 Resp: 2276

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.0





#5

Bromomethane

Concen: 4.35 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion: 94 Resp: 2346

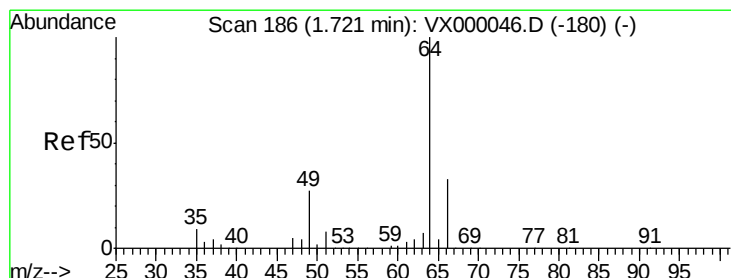
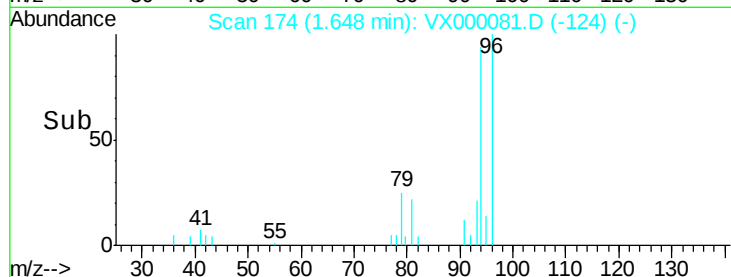
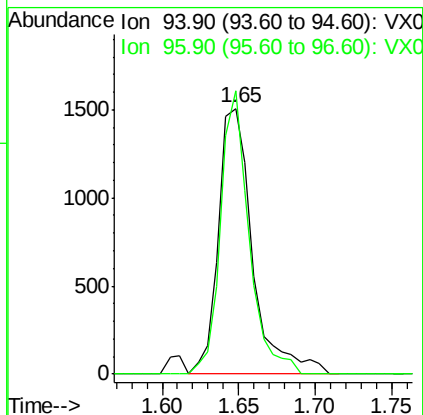
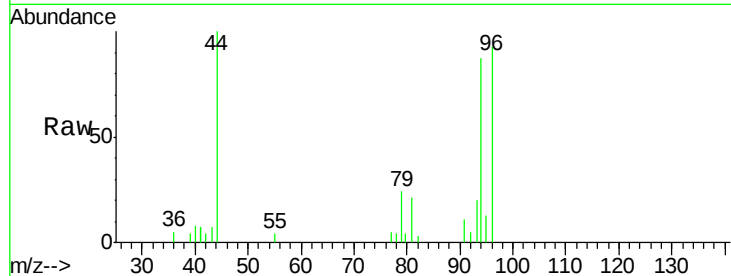
Ion Ratio Lower Upper

94 100

96 106.5 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 3.84 ug/l m

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000081.D

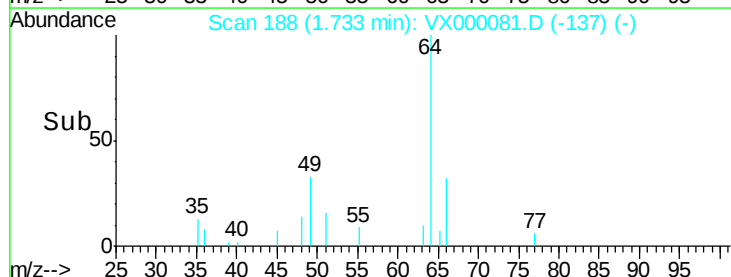
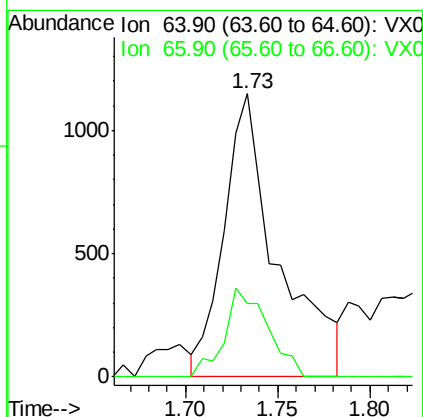
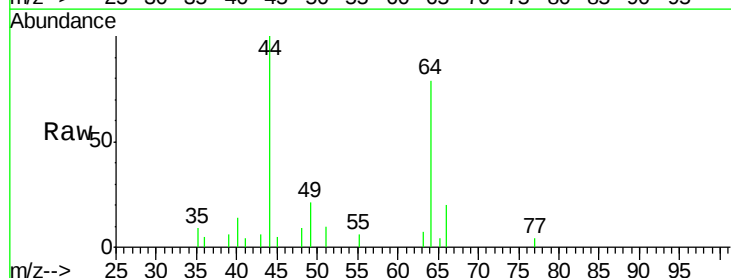
Acq: 13 Feb 2018 17:47

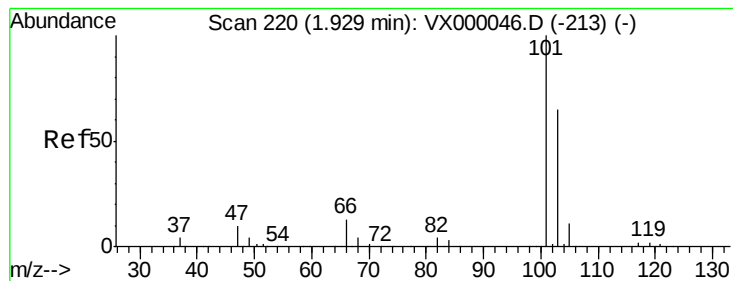
Tgt Ion: 64 Resp: 2329

Ion Ratio Lower Upper

64 100

66 25.9 26.4 39.6#





#7

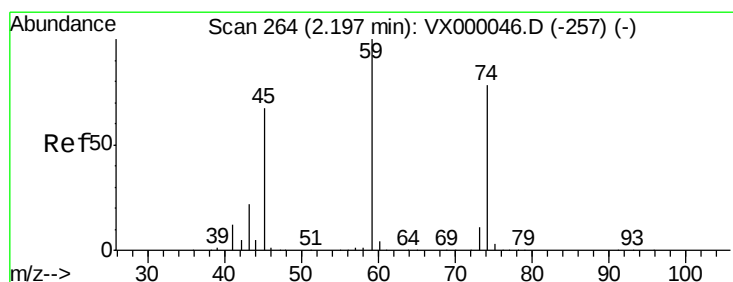
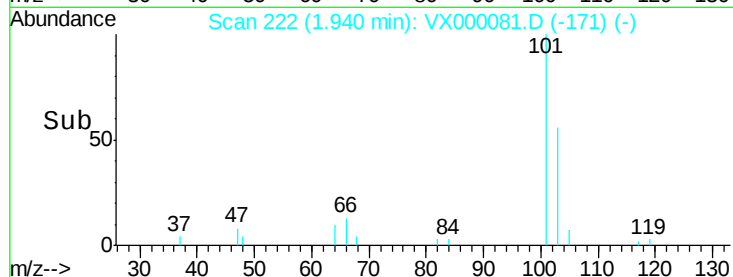
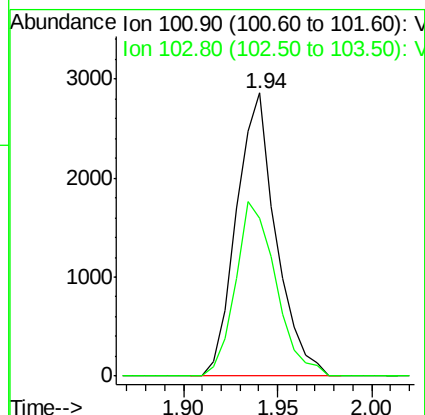
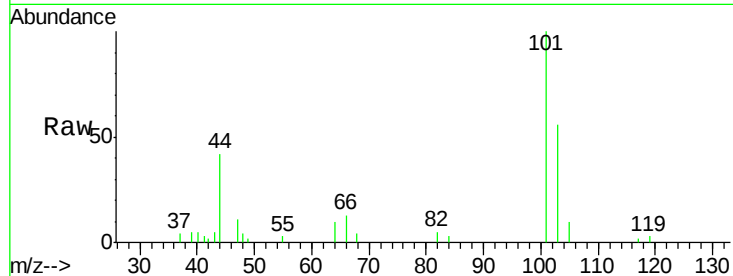
Trichlorofluoromethane
Concen: 2.37 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion:101 Resp: 4169
Ion Ratio Lower Upper
101 100
103 56.0 52.3 78.5

Manual Integrations
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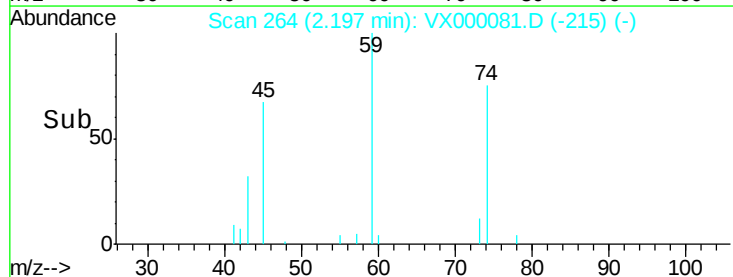
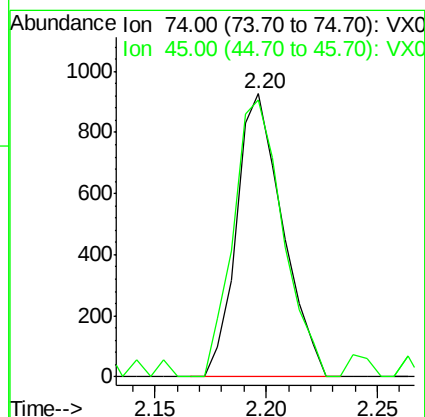
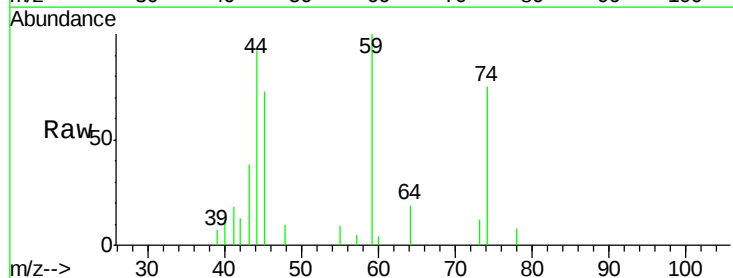
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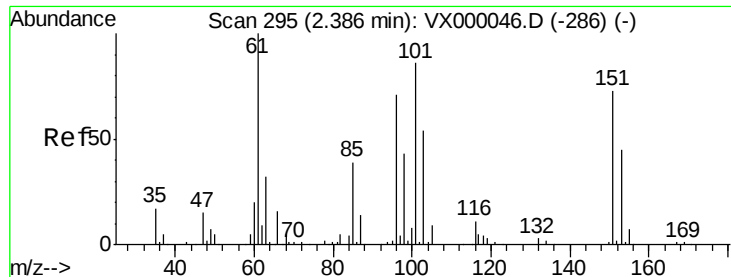


#8

Diethyl Ether
Concen: 2.10 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 74 Resp: 1339
Ion Ratio Lower Upper
74 100
45 105.1 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.28 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

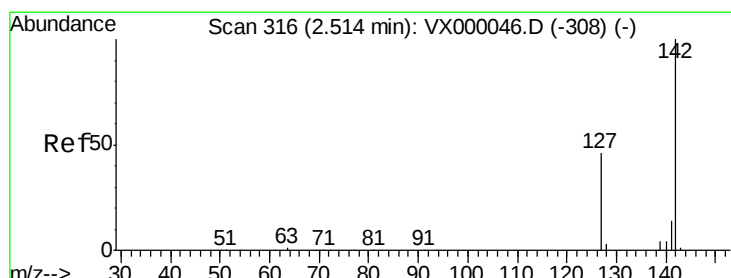
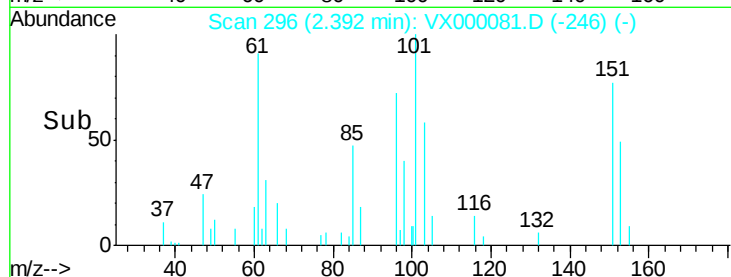
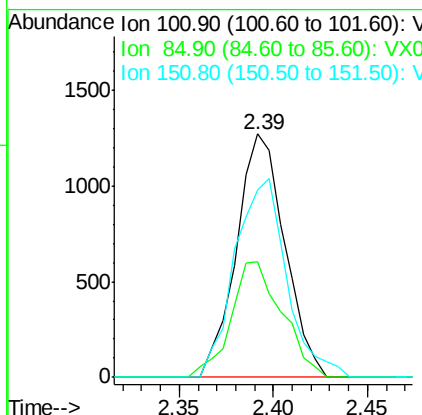
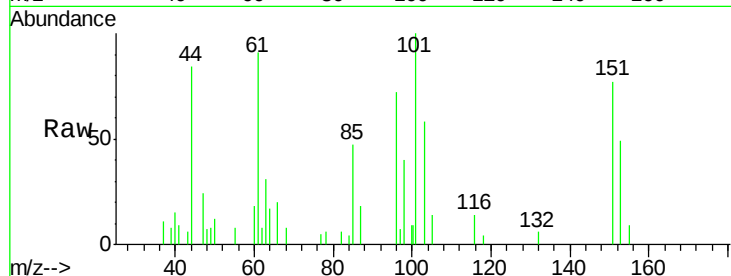
ClientSampled :

MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
101	100		
85	50.1	36.6	54.8
151	87.6	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 3.00 ug/l

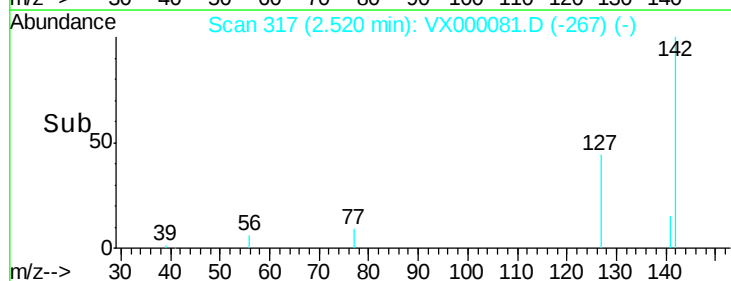
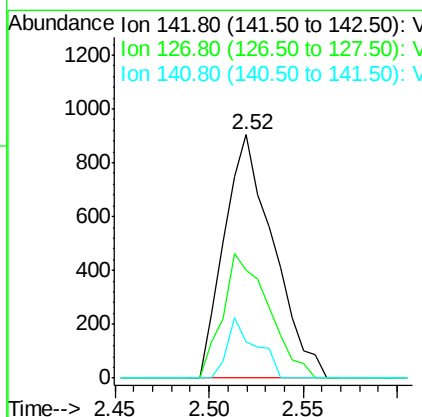
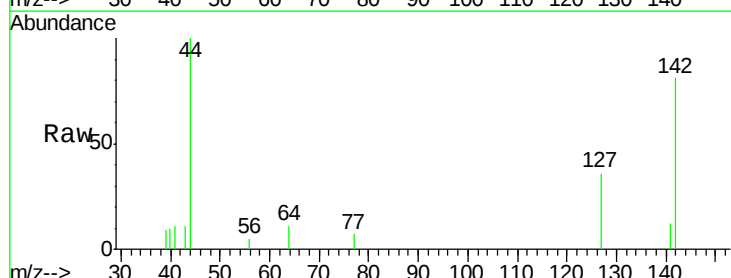
RT: 2.52 min Scan# 317

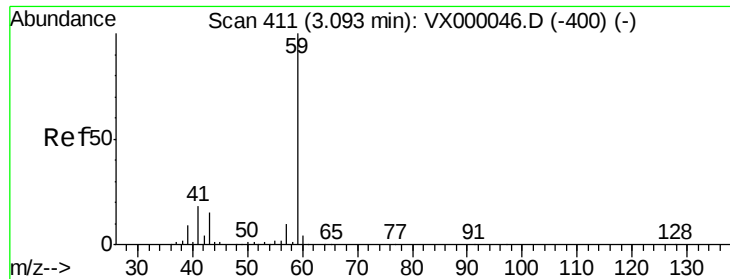
Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.7	36.8	55.2
141	14.7	11.4	17.0





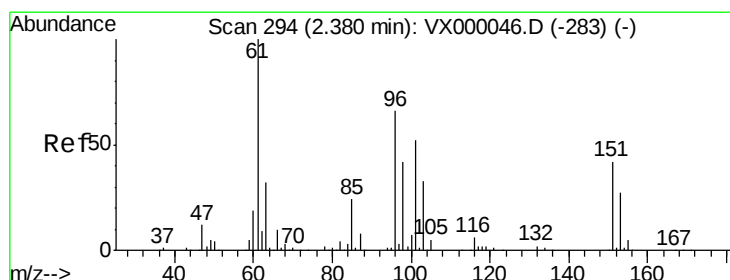
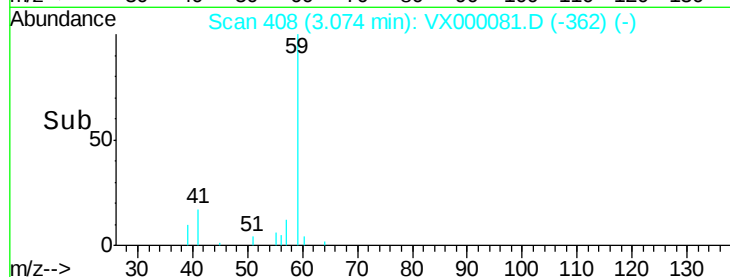
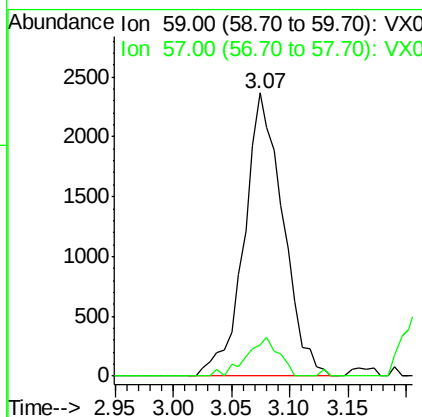
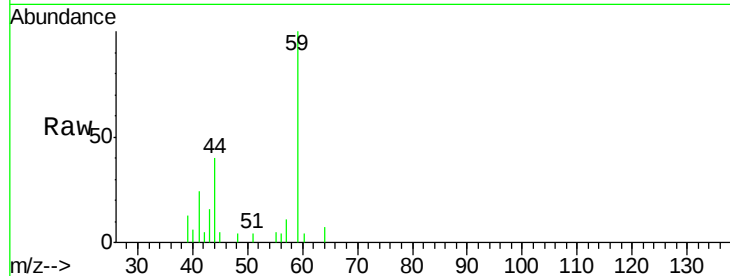
#11
Tert butyl alcohol
Concen: 13.55 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion: 59 Resp: 5494
Ion Ratio Lower Upper
59 100
57 11.3 8.4 12.6

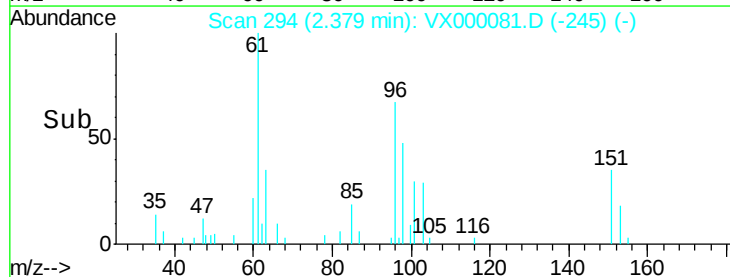
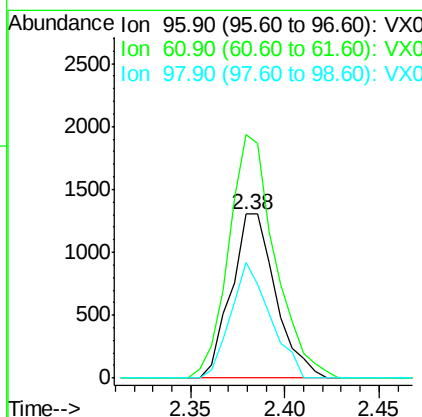
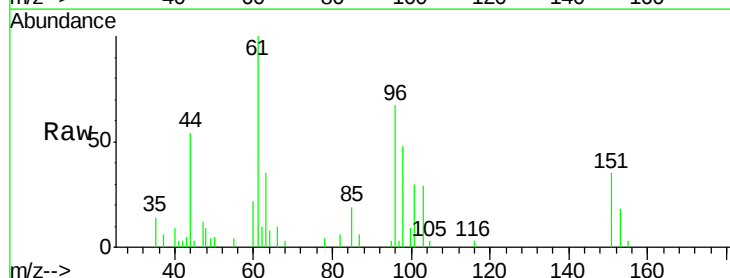
Manual Integrations
APPROVED

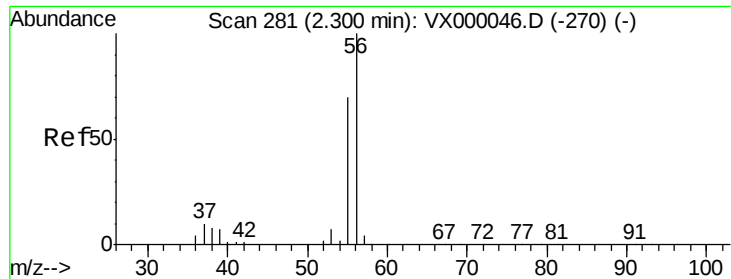
MMDadoda
2/16/2018 2:28:05 PM



#12
1,1-Dichloroethene
Concen: 2.26 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 96 Resp: 2130
Ion Ratio Lower Upper
96 100
61 148.6 120.3 180.5
98 70.9 51.0 76.4





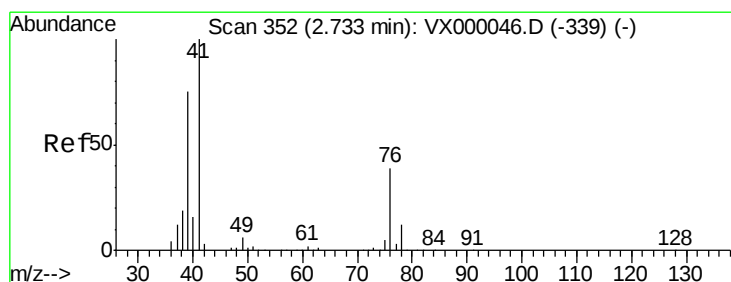
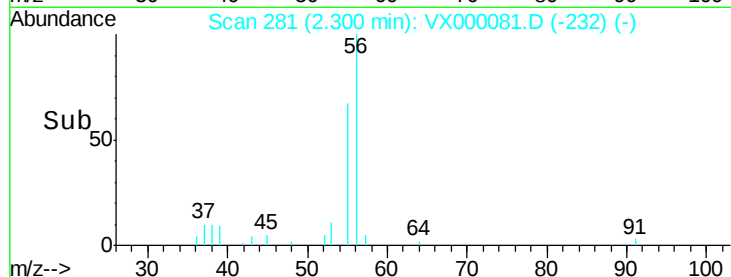
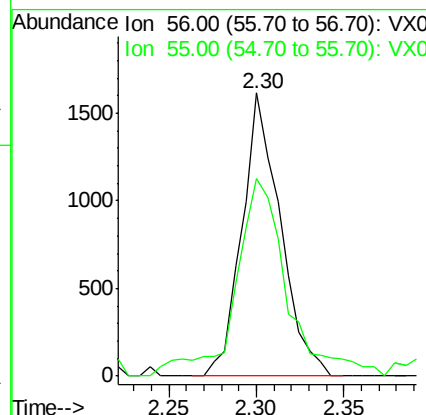
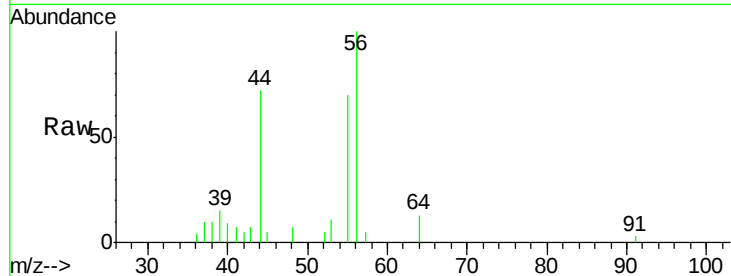
#13
Acrolein
Concen: 11.87 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	56	Resp	2471
Ion Ratio	100	Lower	Upper
55	93.7	56.4	84.6#

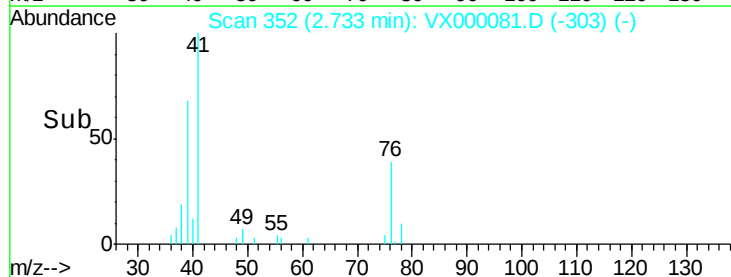
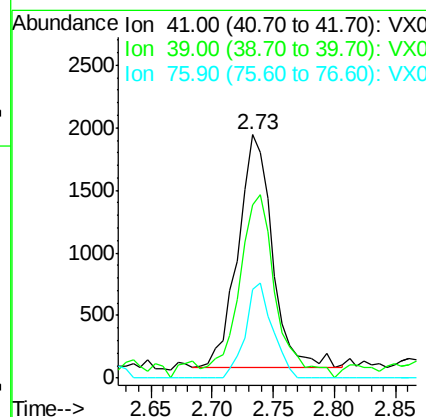
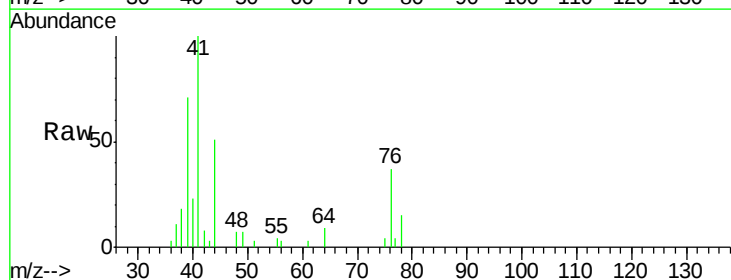
Manual Integrations
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#14
Allyl chloride
Concen: 2.18 ug/l
RT: 2.73 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	41	Resp	3577
Ion Ratio	100	Lower	Upper
39	85.4	55.8	83.6#
76	32.5	28.7	43.1





#15

Acrylonitrile

Concen: 12.71 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

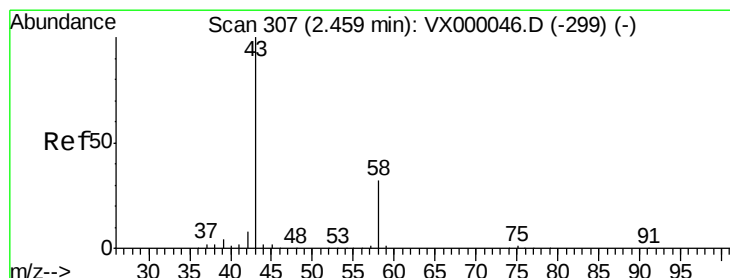
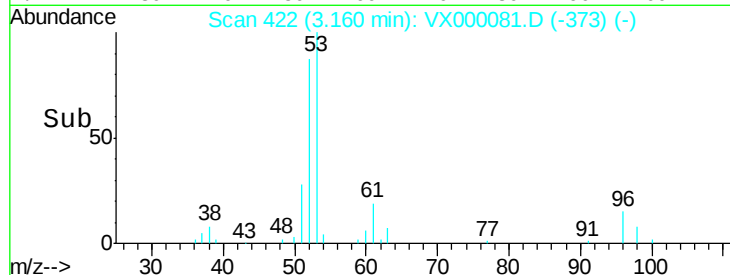
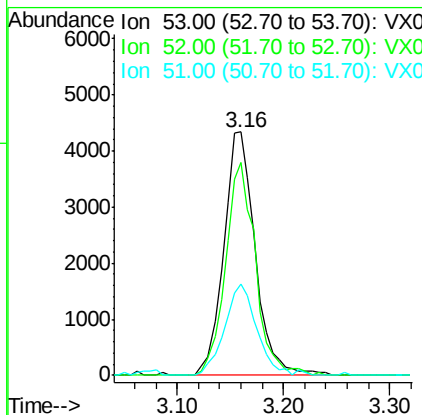
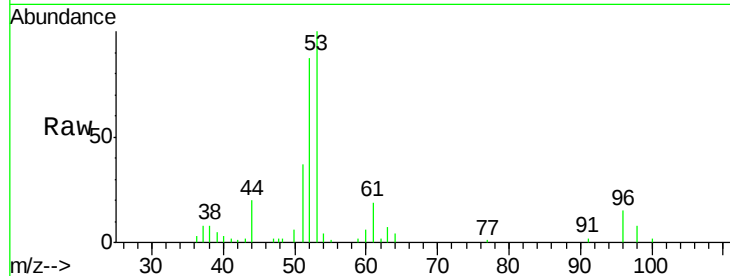
ClientSampled :

MDL06 2.00PPB

Tot Ion:	53	Resp:	8981
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.5	99.7
51	37.9	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 14.85 ug/l

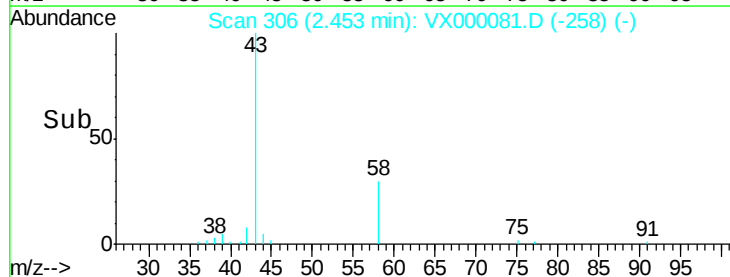
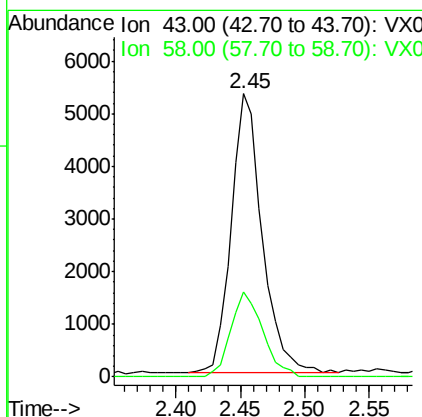
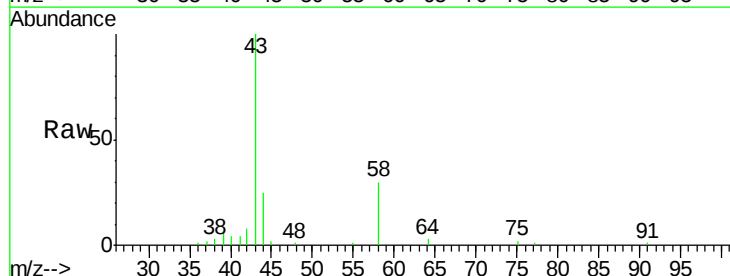
RT: 2.45 min Scan# 306

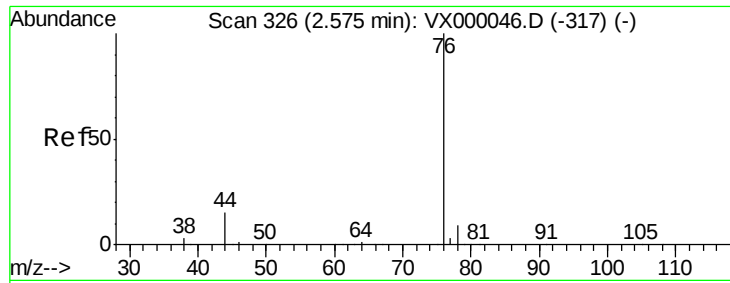
Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	43	Resp:	8908
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.9	38.9





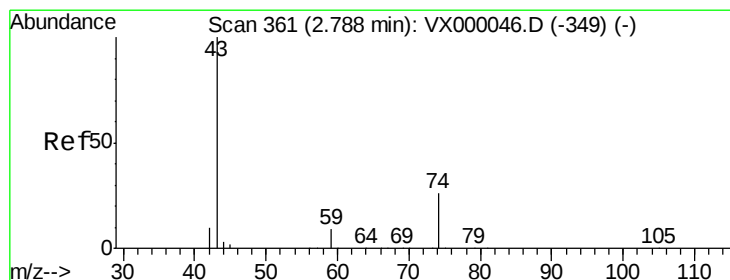
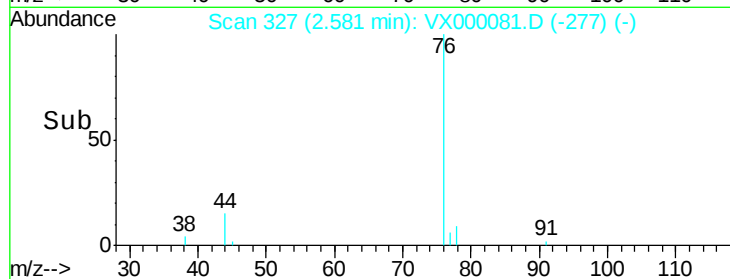
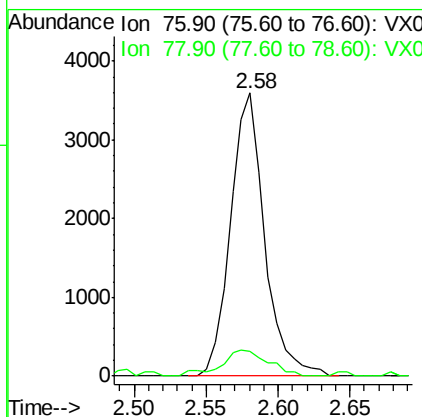
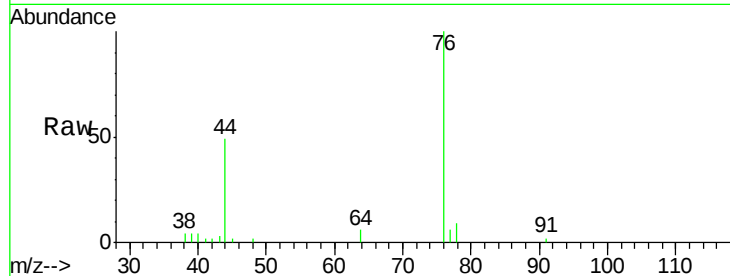
#17
Carbon Disulfide
Concen: 2.16 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.5	11.3

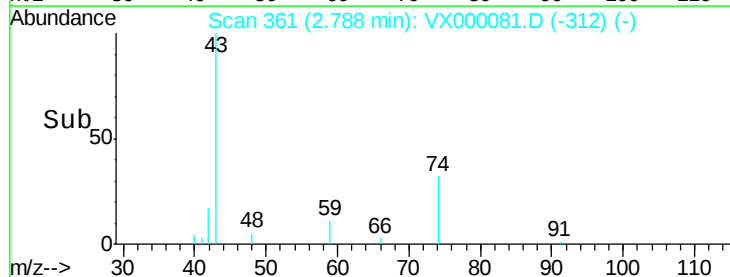
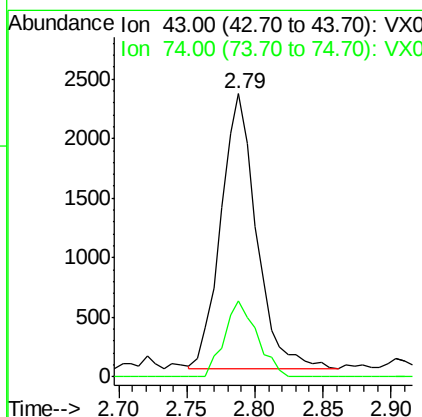
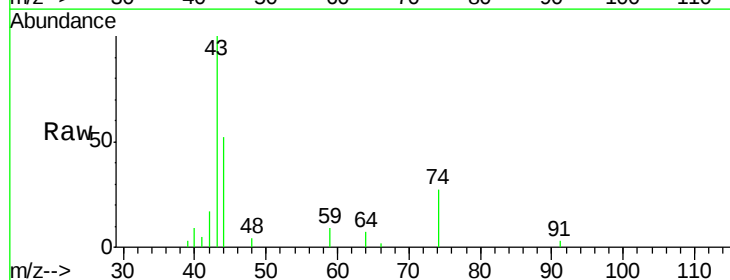
Manual Integrations
APPROVED

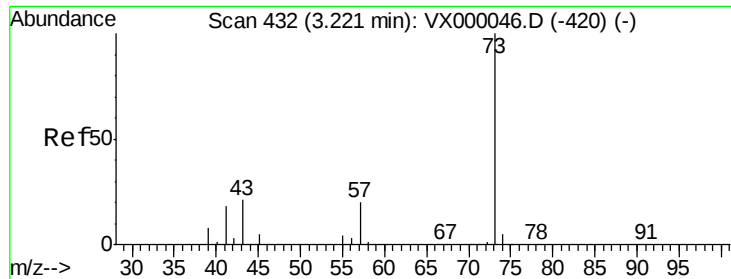
MMDadoda
2/16/2018 2:28:05 PM



#18
Methyl Acetate
Concen: 2.76 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	20.2	30.4





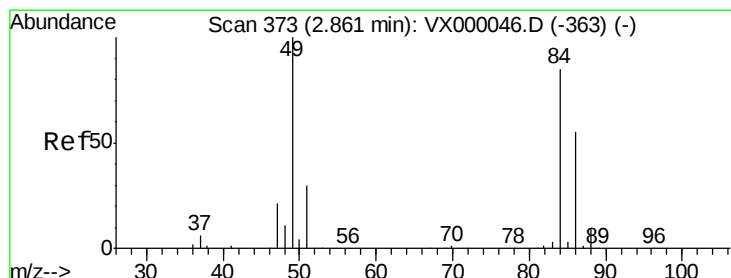
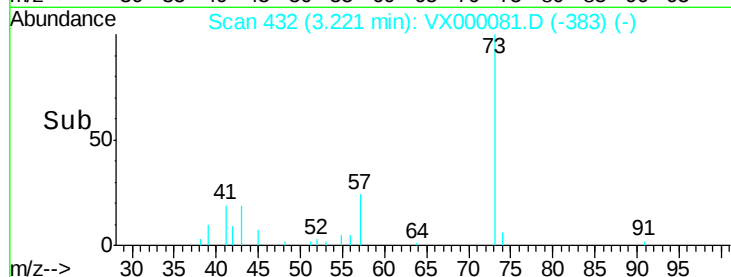
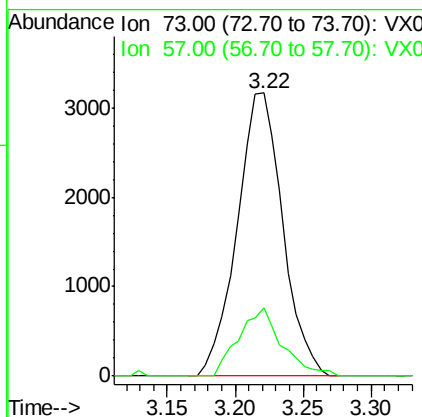
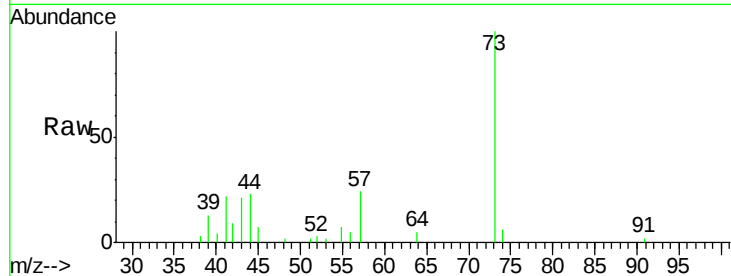
#19
Methvl tert-butvl Ether
Concen: 2.30 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampleId :
MDL06 2.00PPB

Tot Ion: 73 Resp: 7418
Ion Ratio Lower Upper
73 100
57 24.2 16.2 24.4

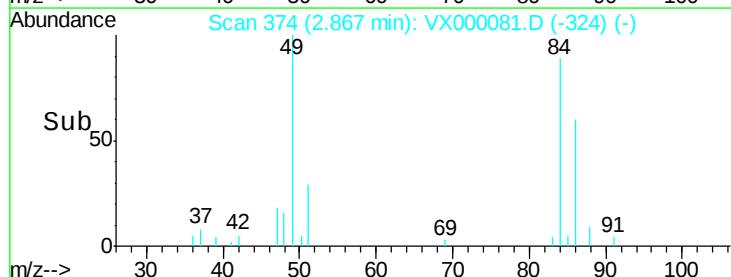
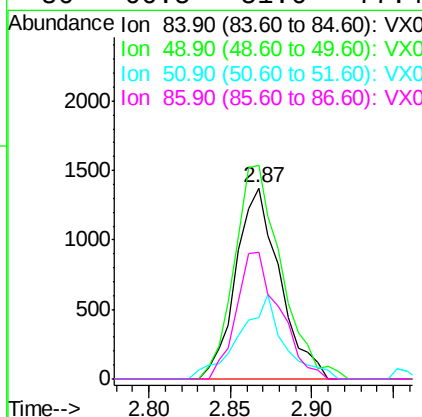
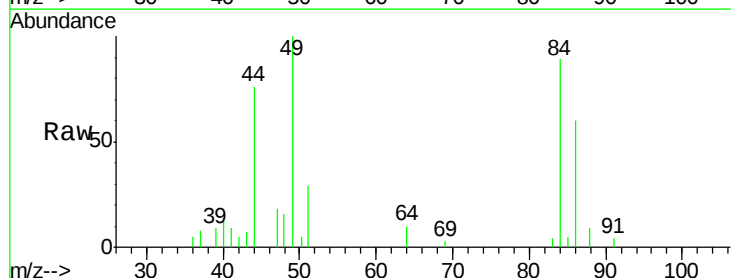
Manual Integrations
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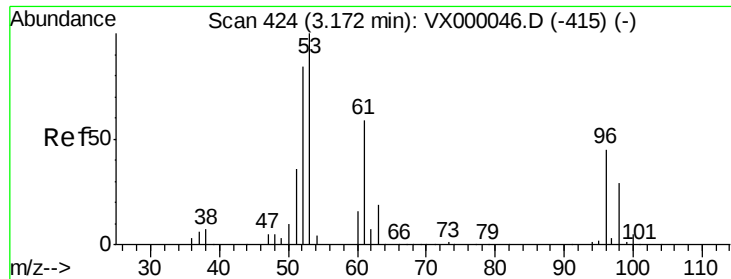
MMDadoda
2/16/2018 2:28:05 PM



#20
Methylene Chloride
Concen: 2.57 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 84 Resp: 2582
Ion Ratio Lower Upper
84 100
49 111.8 94.4 141.6
51 32.1 28.3 42.5
86 66.5 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.20 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

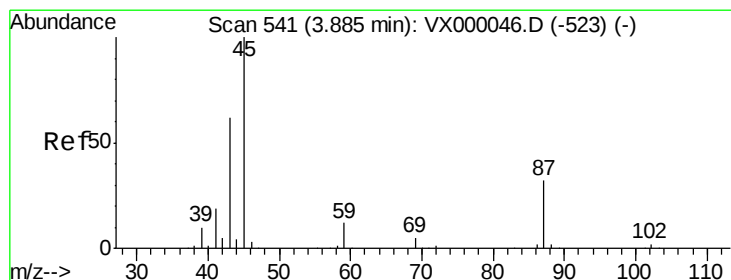
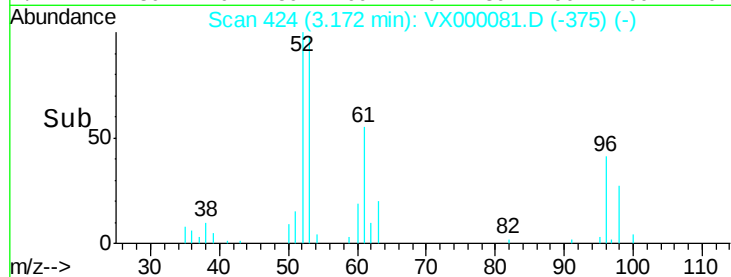
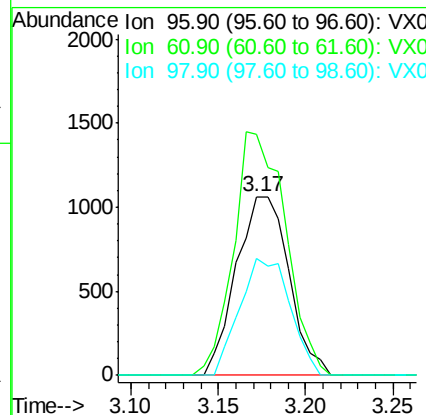
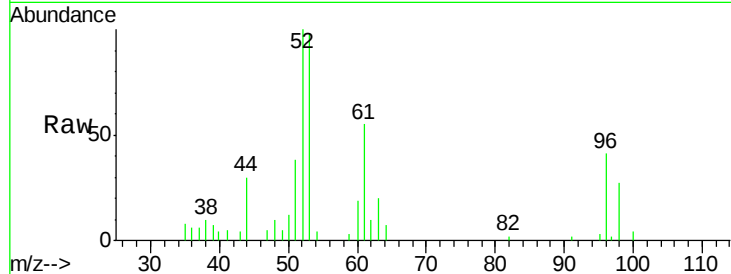
ClientSampled :

MDL06 2.00PPB

Tot Ion:	96	Resp:	2227
Ion	Ratio	Lower	Upper
96	100		
61	135.2	104.9	157.3
98	65.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 2.21 ug/l

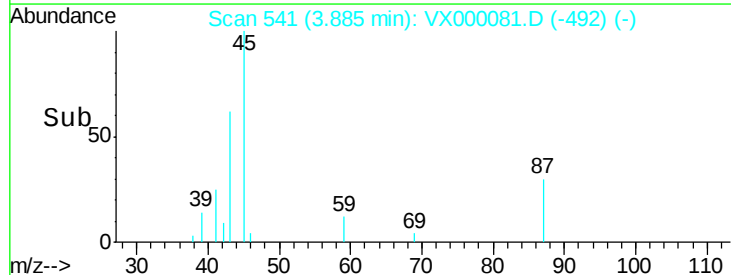
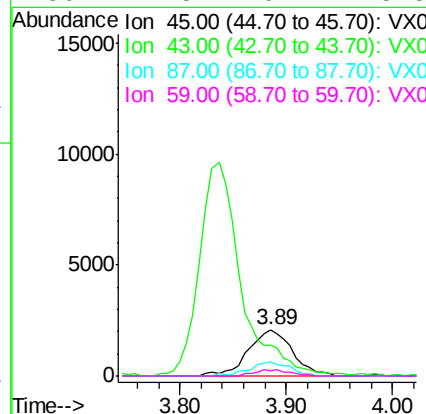
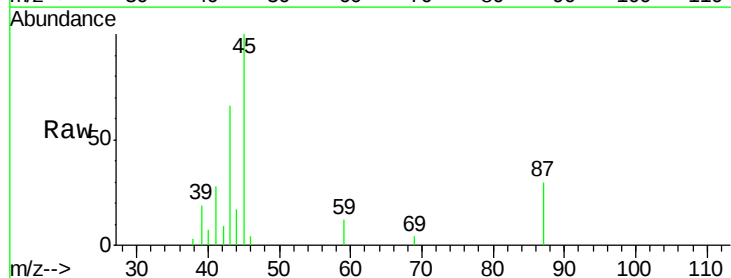
RT: 3.89 min Scan# 541

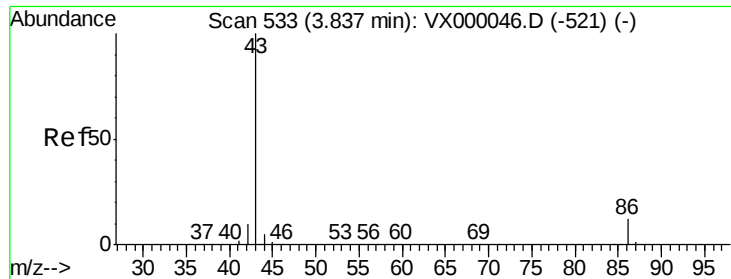
Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	45	Resp:	5996
Ion	Ratio	Lower	Upper
45	100		
43	60.6	49.6	74.4
87	29.5	25.9	38.9
59	11.8	9.2	13.8





#23

Vinyl Acetate

Concen: 10.62 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion: 43 Resp: 26004

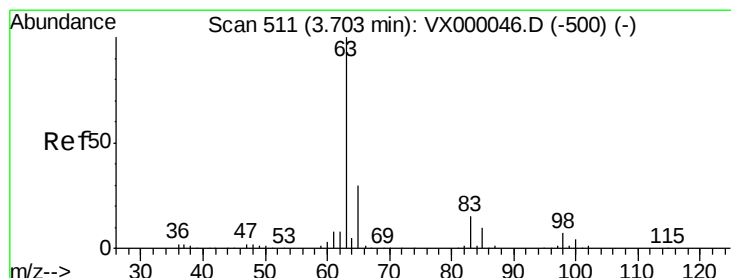
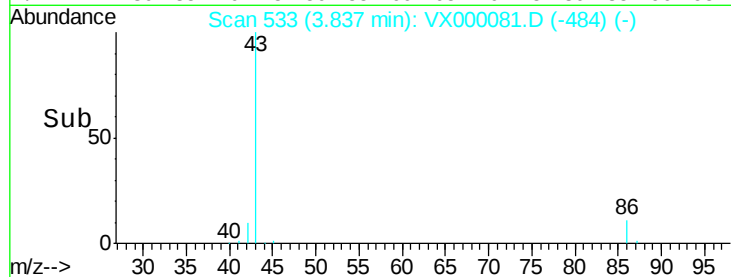
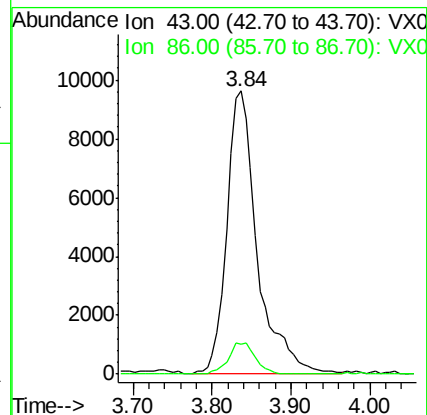
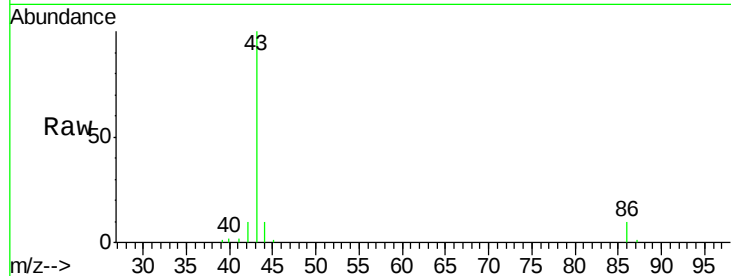
Ion Ratio Lower Upper

43 100

86 10.4 9.3 13.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 2.34 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

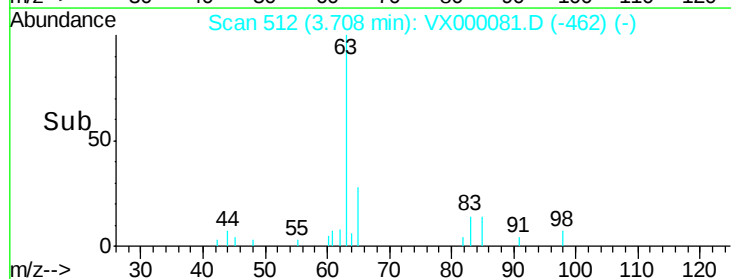
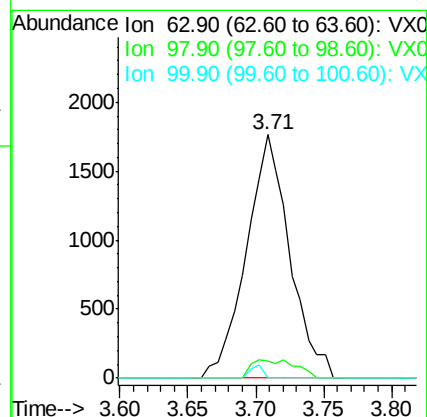
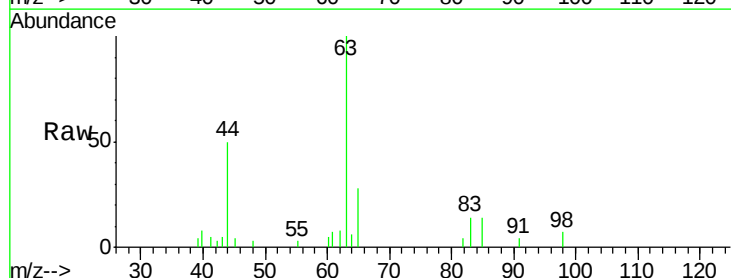
Tgt Ion: 63 Resp: 3936

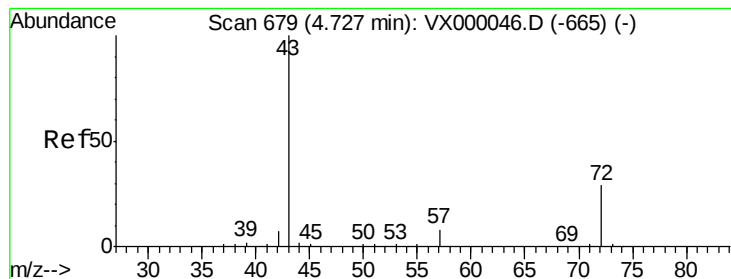
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 0.0 2.1 6.2#





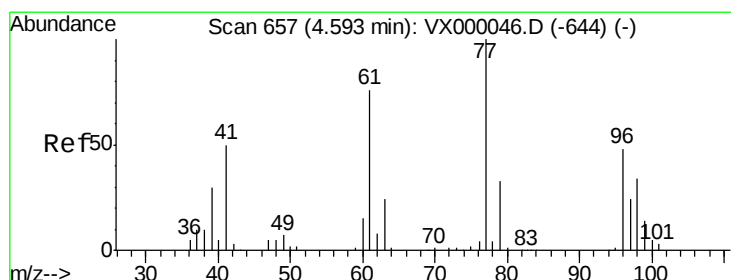
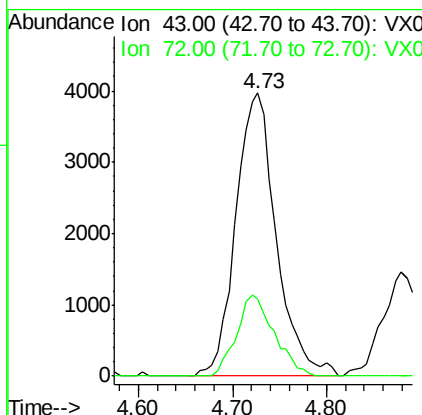
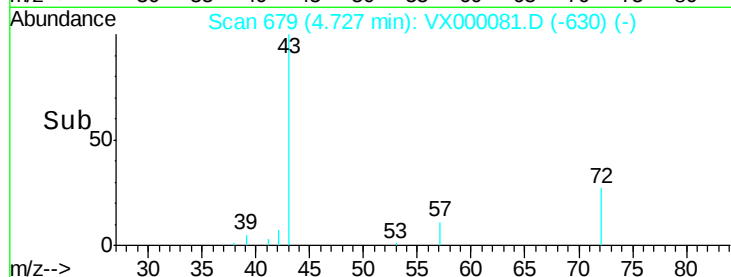
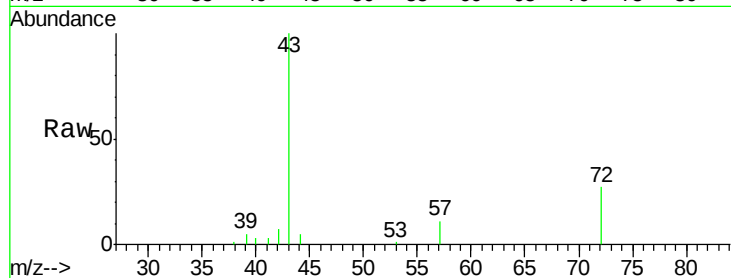
#25
2-Butanone
Concen: 13.13 ug/l
RT: 4.73 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion: 43 Resp: 11892
Ion Ratio Lower Upper
43 100
72 27.2 23.0 34.6

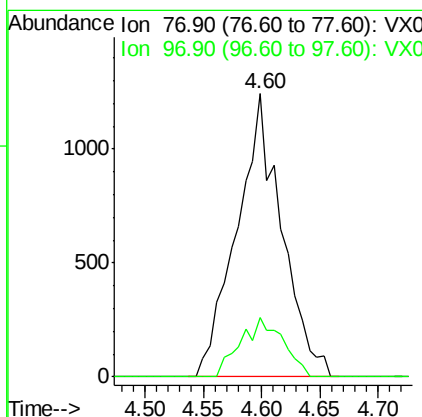
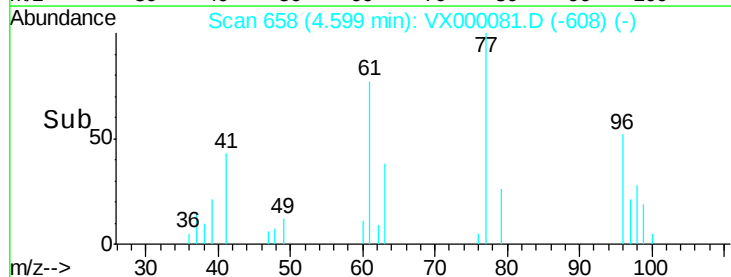
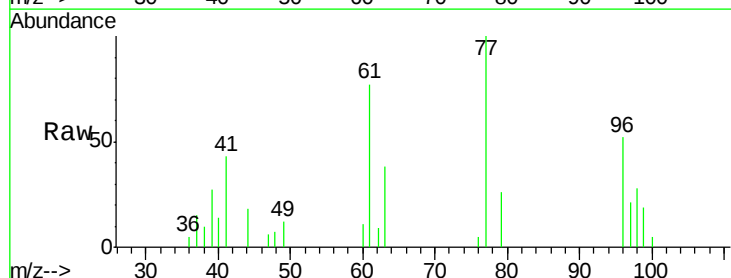
Manual Integrations
APPROVED

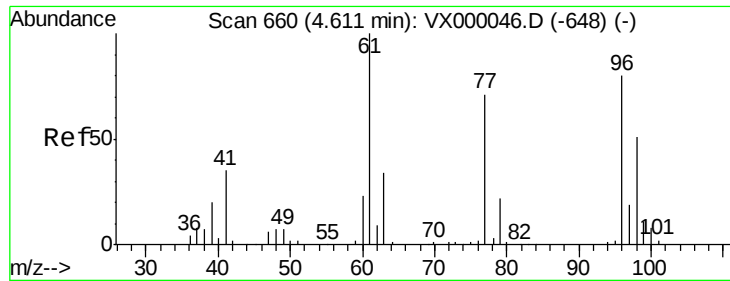
MMDadoda
2/16/2018 2:28:05 PM



#26
2,2-Dichloropropane
Concen: 2.31 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 77 Resp: 3334
Ion Ratio Lower Upper
77 100
97 19.9 11.8 35.4





#27

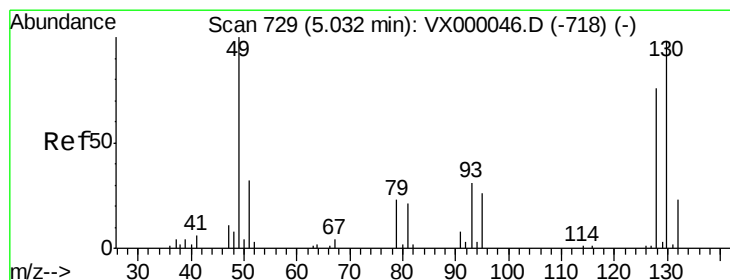
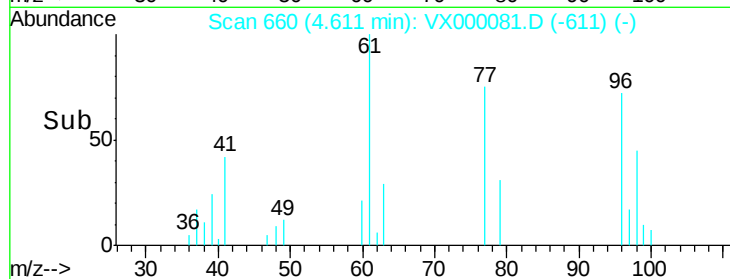
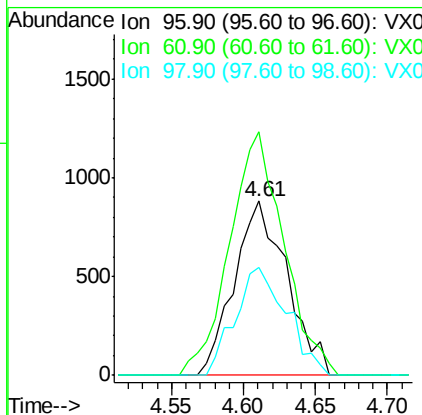
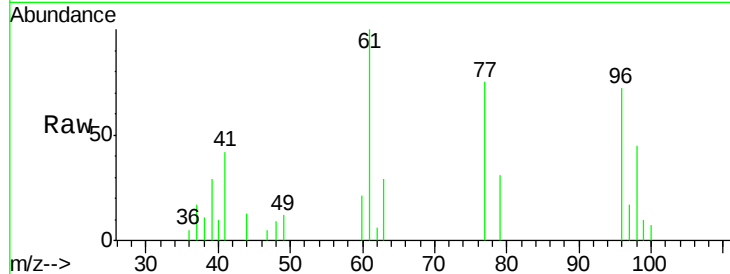
cis-1,2-Dichloroethene
Concen: 2.26 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	274.4
98	60.7	0.0	132.4

Manual Integrations
APPROVED

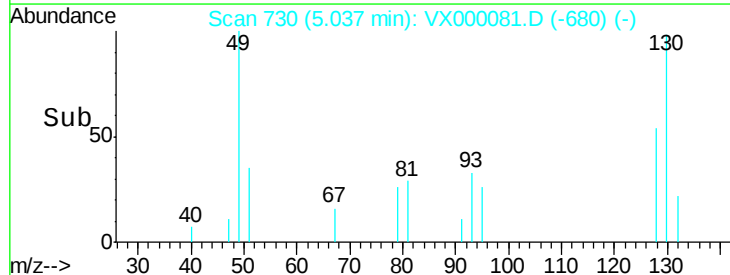
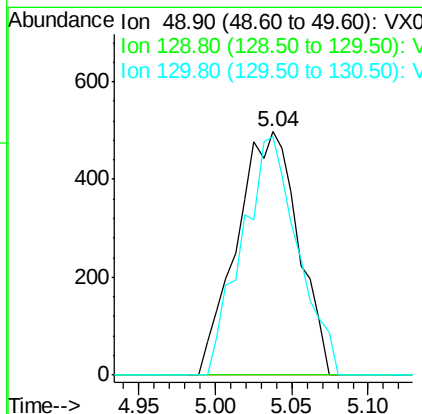
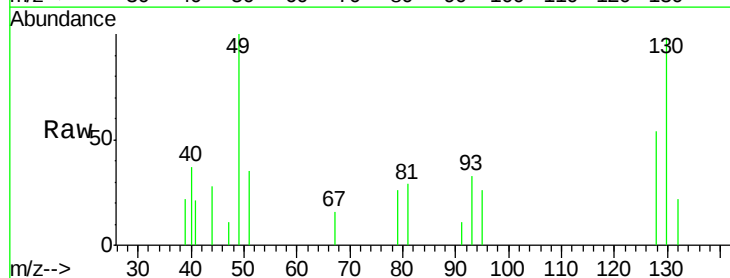
MMDadoda
2/16/2018 2:28:05 PM

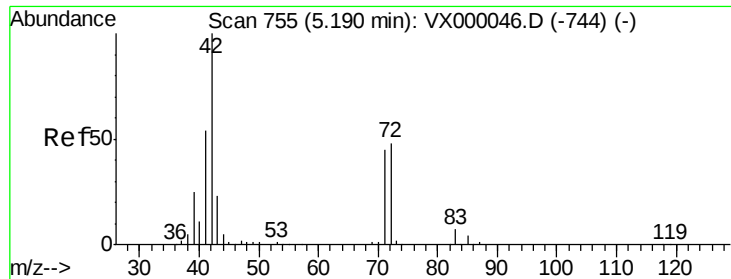


#28

Bromochloromethane
Concen: 2.49 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	88.7	75.6	113.4





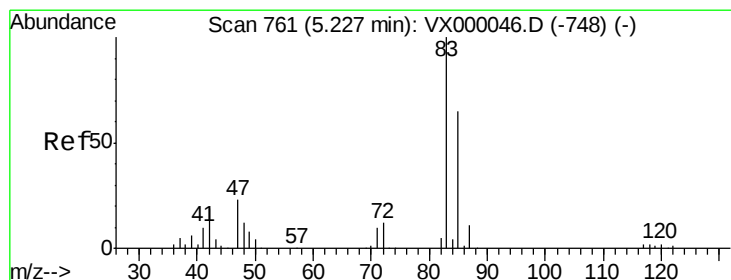
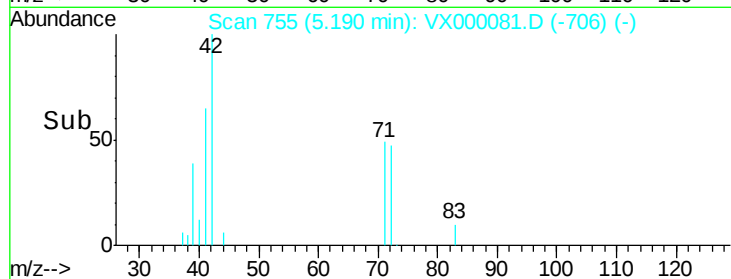
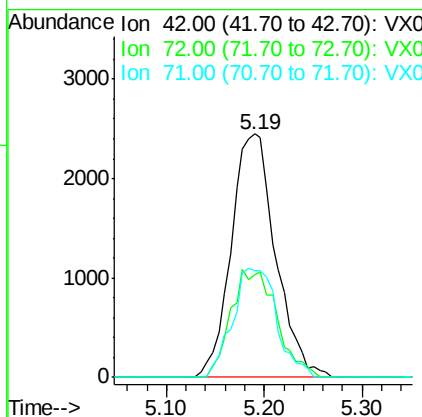
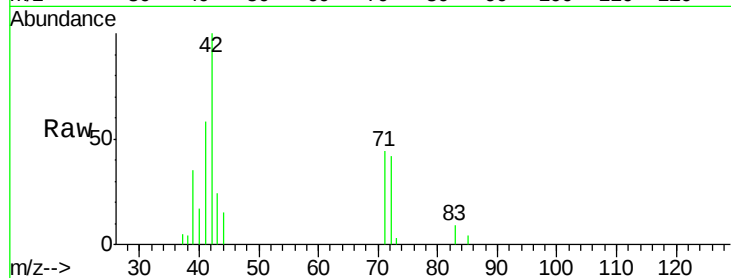
#29
Tetrahydrofuran
Concen: 12.44 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	39.0	58.6
71	44.5	36.7	55.1

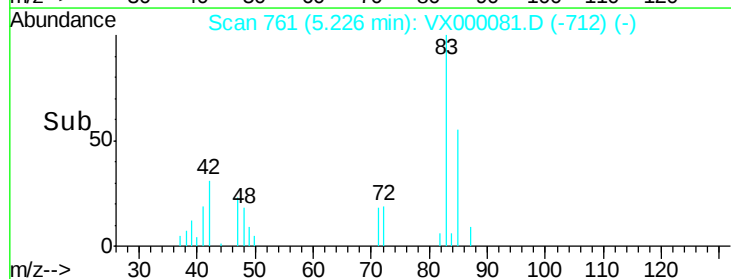
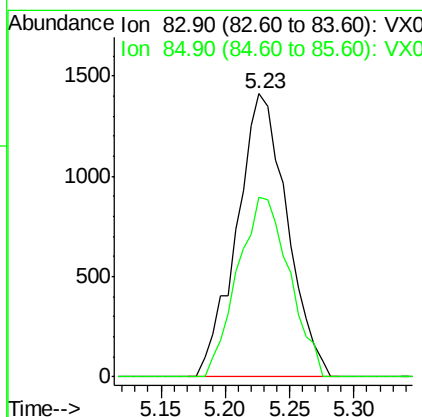
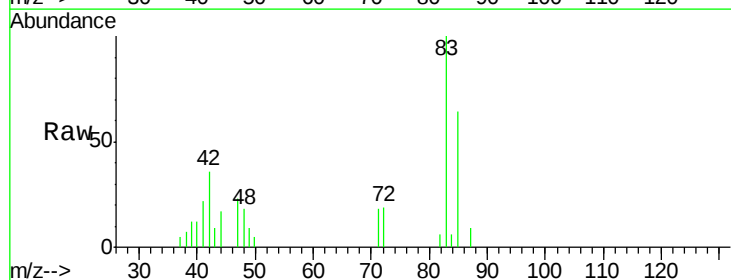
Manual Integrations
APPROVED

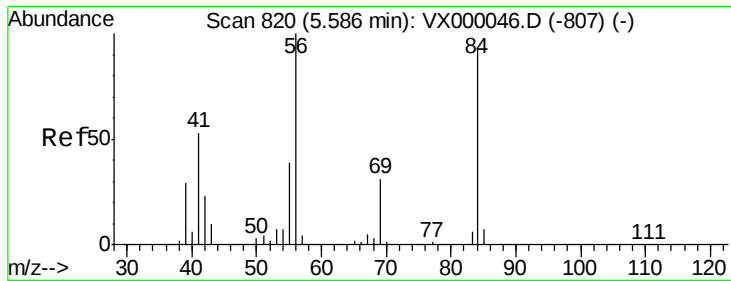
MM Dadoda
2/16/2018 2:28:05 PM



#30
Chloroform
Concen: 2.26 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.9	77.9





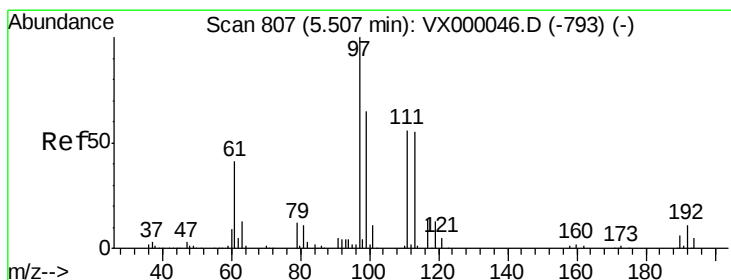
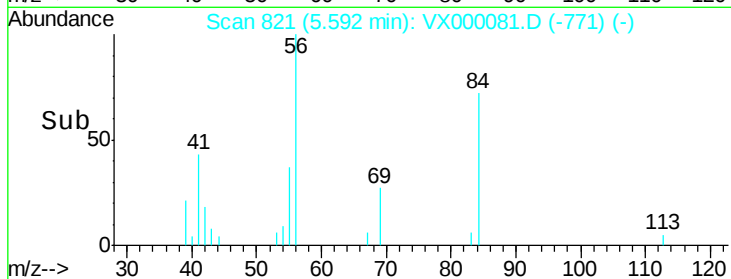
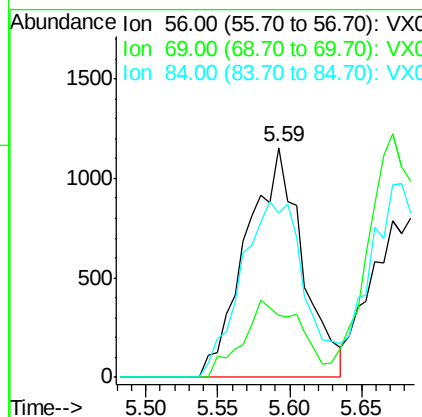
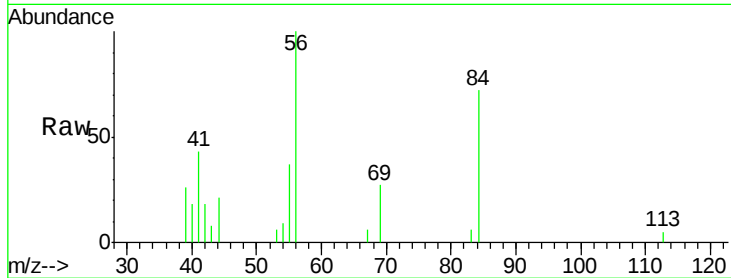
#31
Cyclohexane
Concen: 2.27 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.2	24.5	36.7
84	71.7	74.8	112.2#

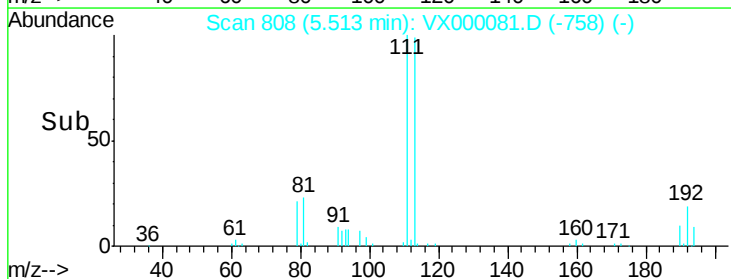
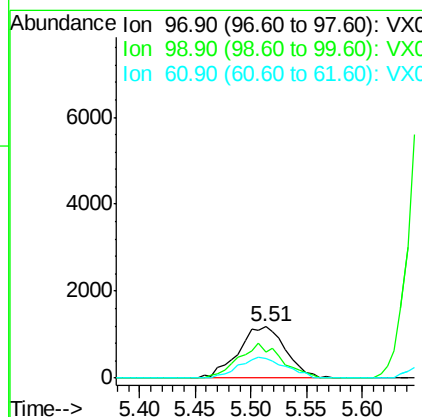
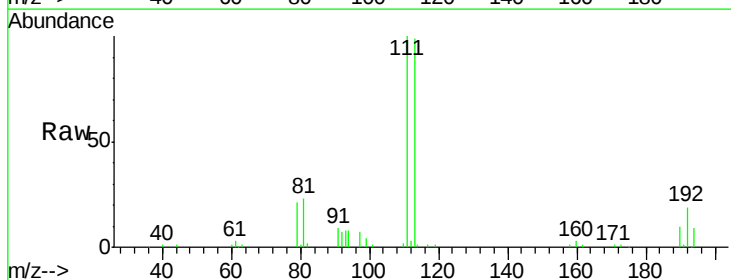
Manual Integrations
APPROVED

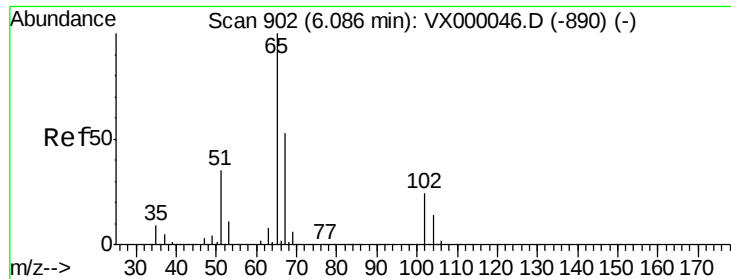
MMDadoda
2/16/2018 2:28:05 PM



#32
1,1,1-Trichloroethane
Concen: 2.18 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.9	50.8	76.2
61	39.7	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 56.24 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion: 65 Resp: 56986

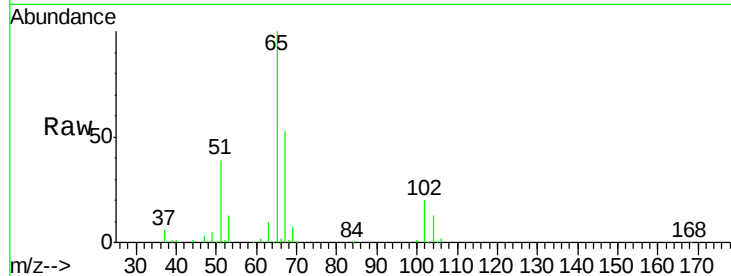
Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.0

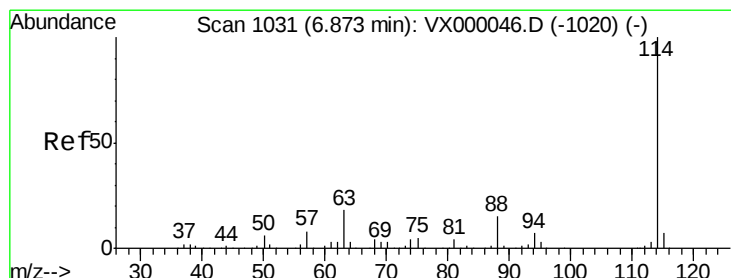
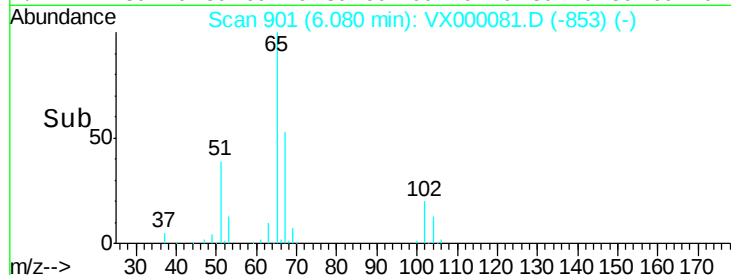
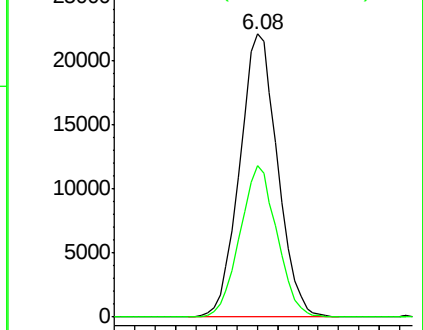
Manual Integrations
APPROVED

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

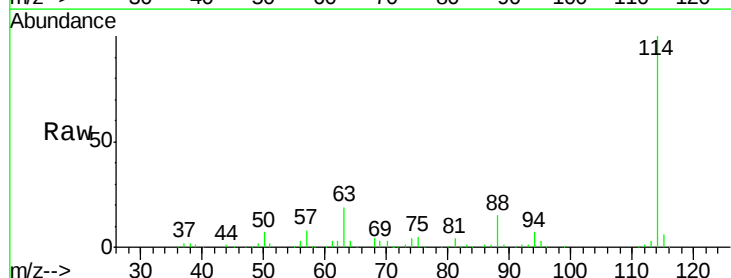
Tgt Ion: 114 Resp: 164757

Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.0

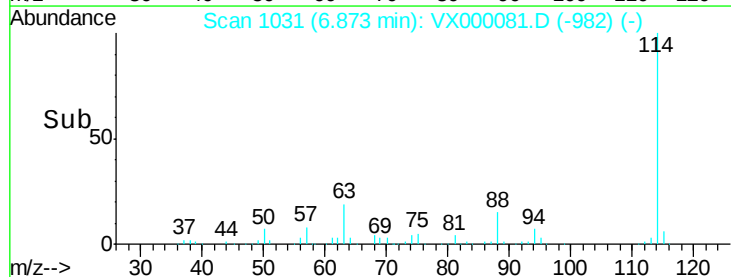
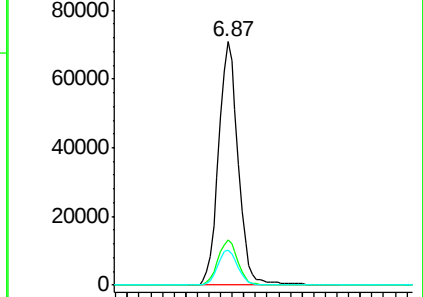
88 14.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.88 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

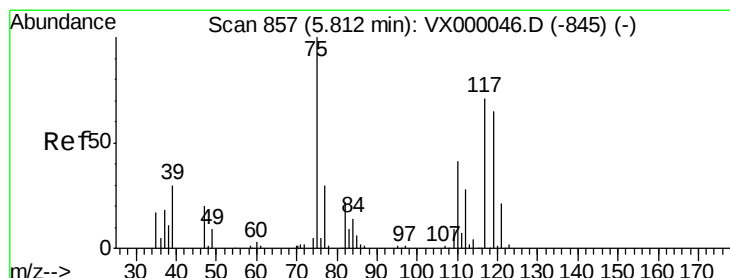
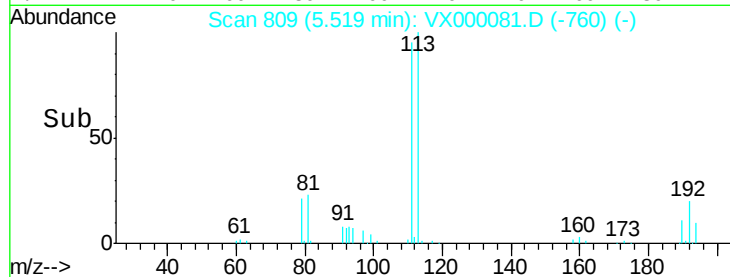
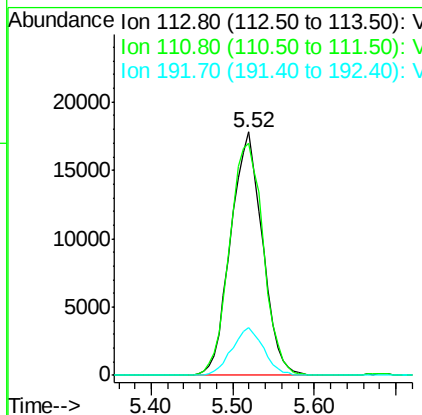
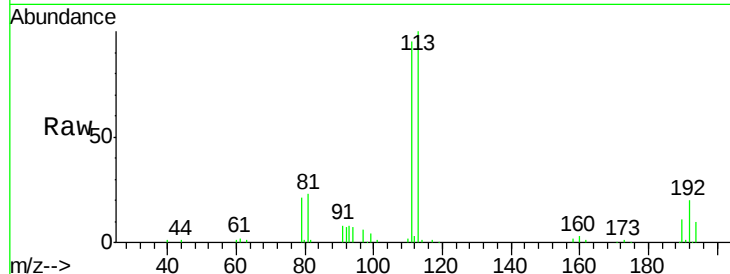
ClientSampleId :

MDL06 2.00PPB

Tot Ion:	113	Resp:	47979
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.5	120.7
192	19.6	16.9	25.3

Manual Integrations
APPROVED

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2/16/2018 2:28:05 PM



#36

1,1-Dichloropropene

Concen: 2.03 ug/l

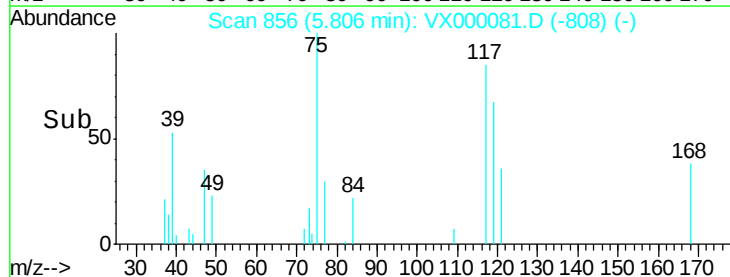
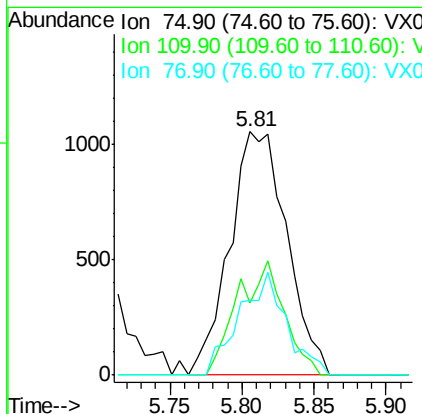
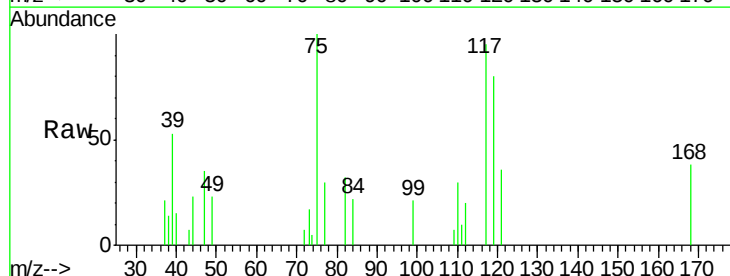
RT: 5.81 min Scan# 856

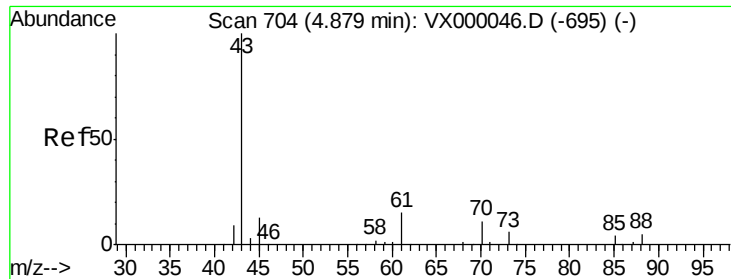
Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	75	Resp:	2906
Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.4	58.4
77	34.5	24.2	36.4





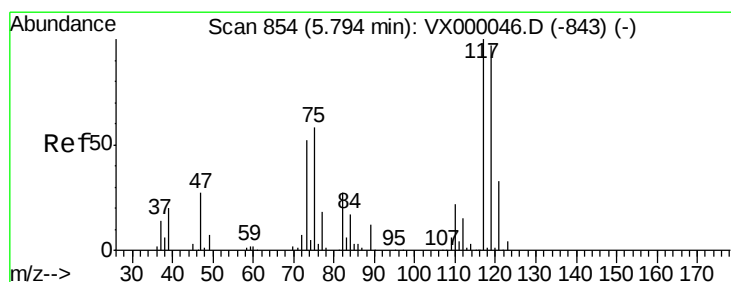
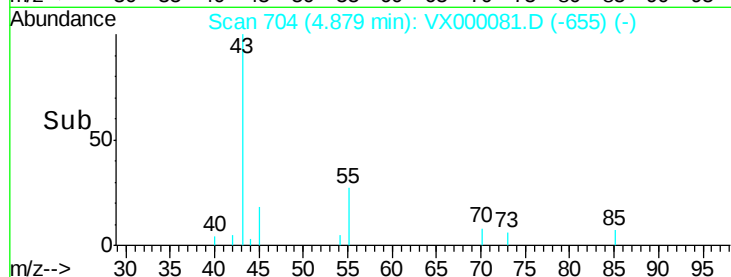
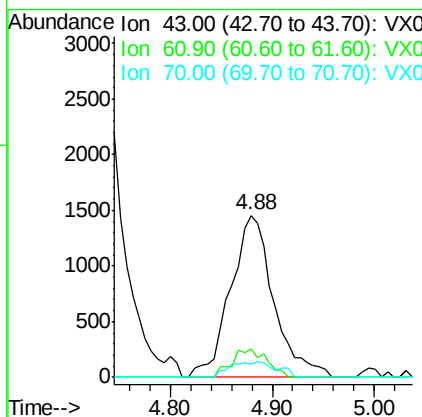
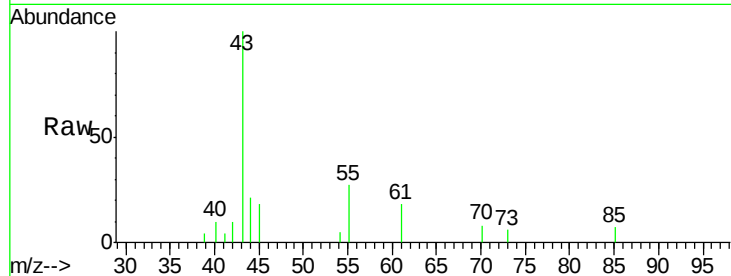
#37
Ethyl Acetate
Concen: 2.31 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.4	17.2
70	10.3	9.0	13.6

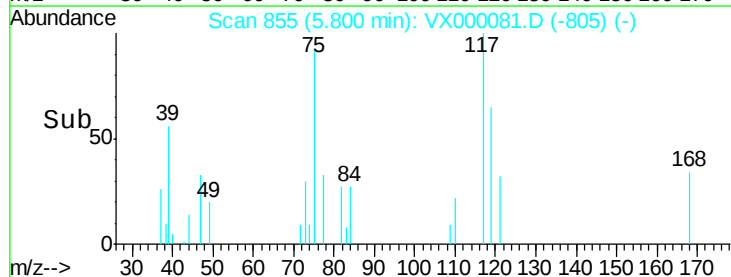
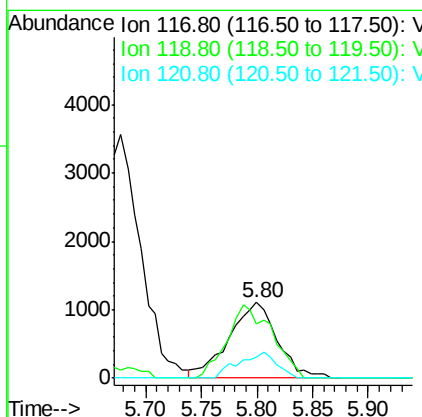
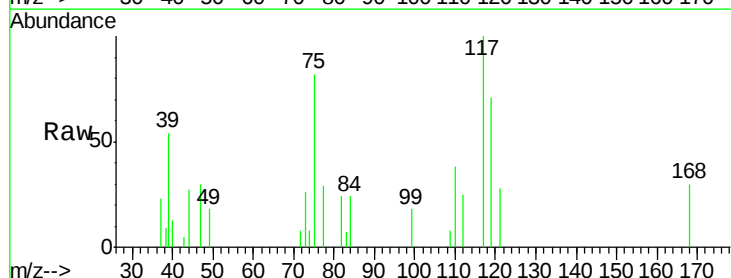
Manual Integrations
APPROVED

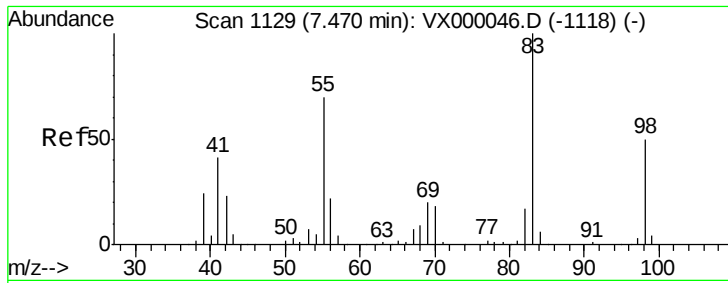
MMDadoda
2/16/2018 2:28:05 PM



#38
Carbon Tetrachloride
Concen: 2.07 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	71.2	76.9	115.3#
121	28.2	25.8	38.8





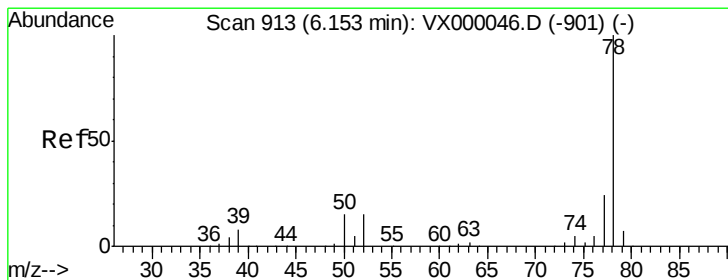
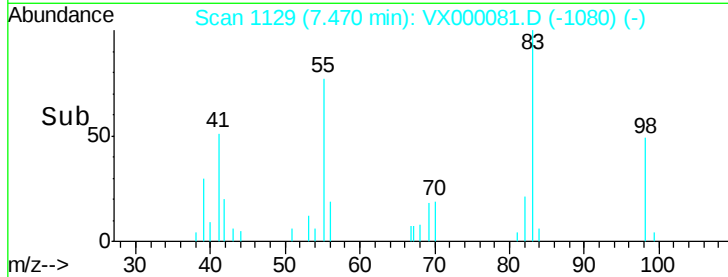
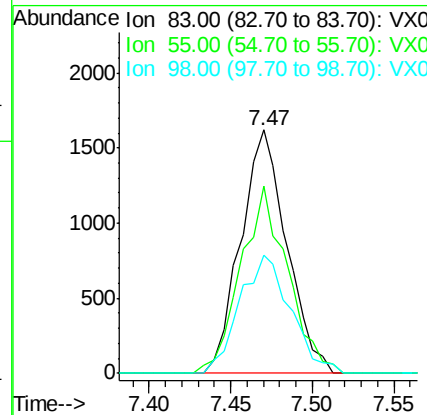
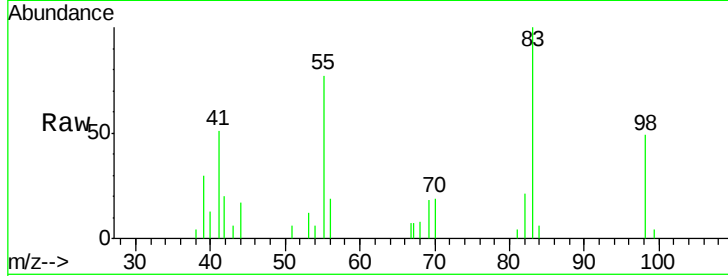
#39
Methvlcvclohexane
Concen: 1.83 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	55.7	83.5
98	48.7	39.7	59.5

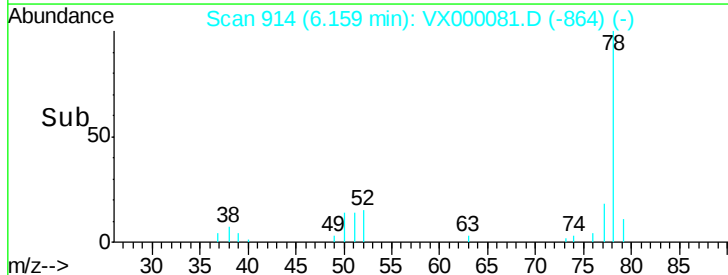
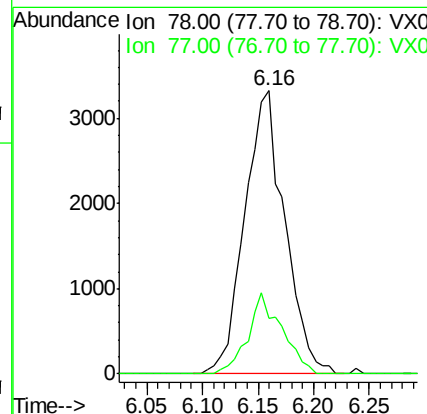
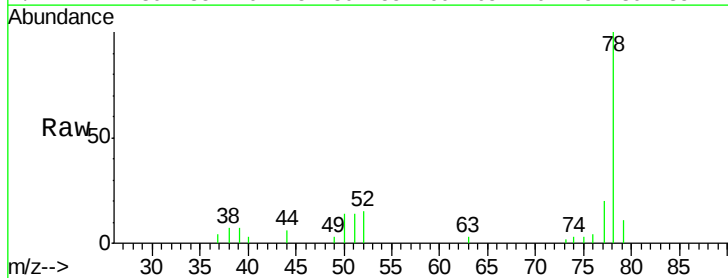
Manual Integrations
APPROVED

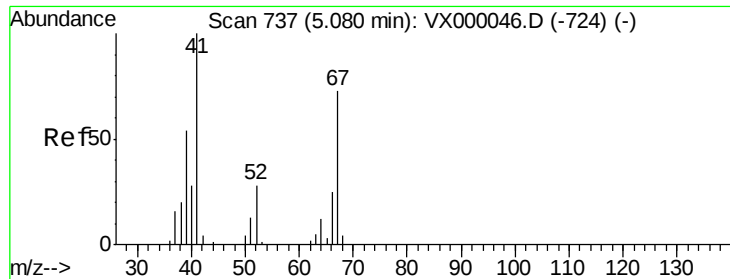
MMDadoda
2/16/2018 2:28:05 PM



#40
Benzene
Concen: 2.05 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.6	19.4	29.2





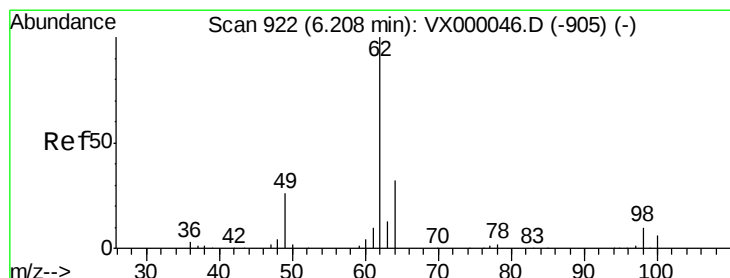
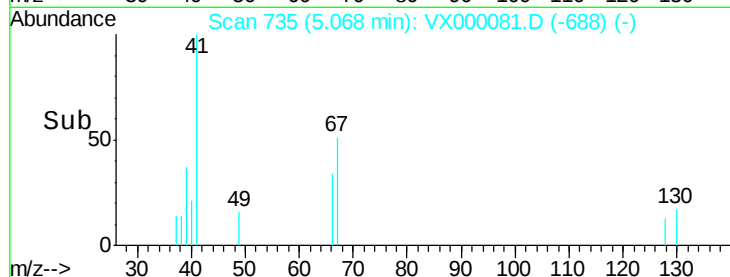
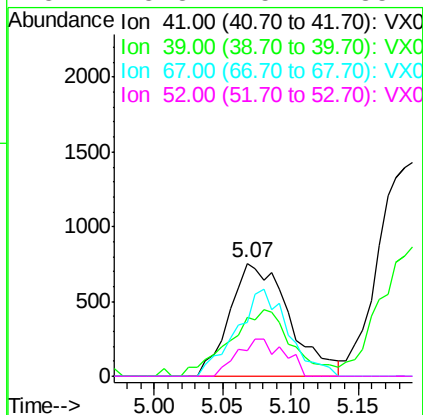
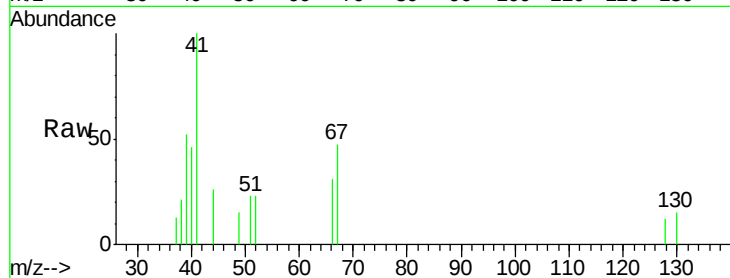
#41
Methacrylonitrile
Concen: 2.43 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion:	41	Resp:	2312
Ion	Ratio	Lower	Upper
41	100		
39	62.1	45.8	68.8
67	66.6	60.6	91.0
52	25.8	25.4	38.2

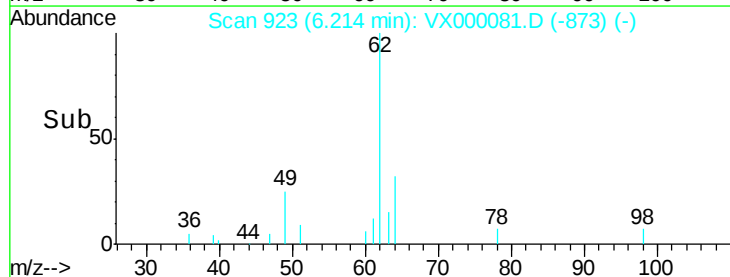
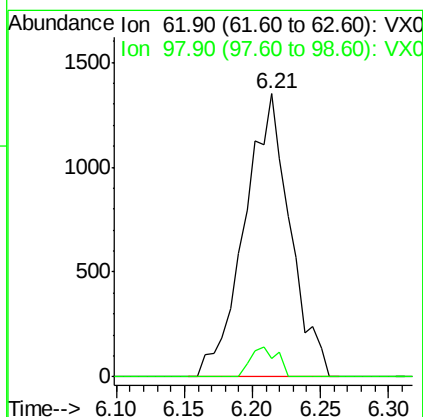
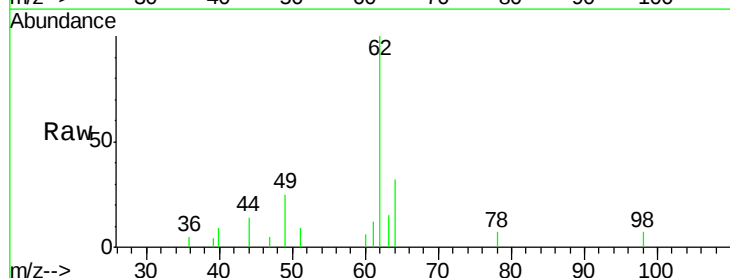
Manual Integrations
APPROVED

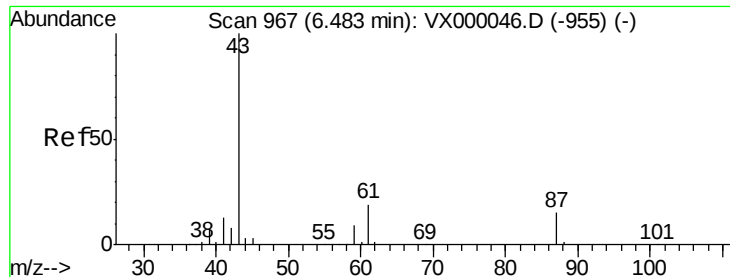
MMDadoda
2/16/2018 2:28:05 PM



#42
1,2-Dichloroethane
Concen: 2.19 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion:	62	Resp:	3169
Ion	Ratio	Lower	Upper
62	100		
98	6.2	0.0	18.6





#43

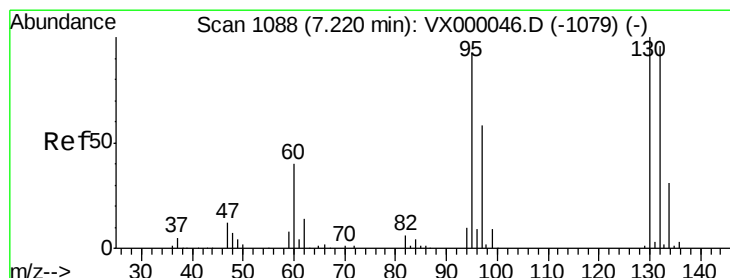
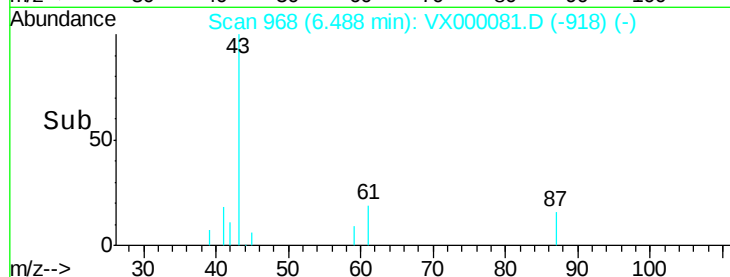
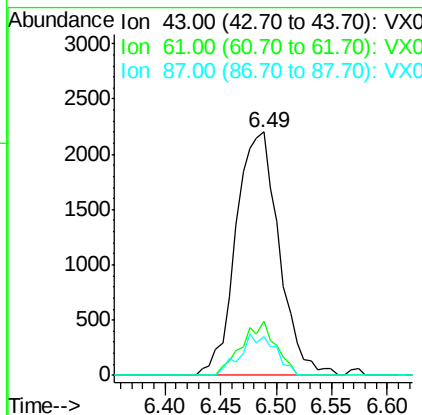
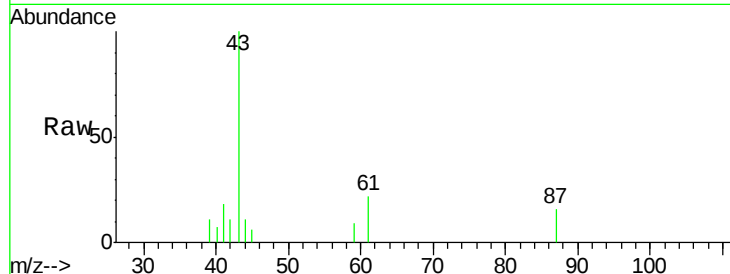
Isopropyl Acetate
 Concen: 2.12 ug/l
 RT: 6.49 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.9	23.9
87	14.0	11.8	17.6

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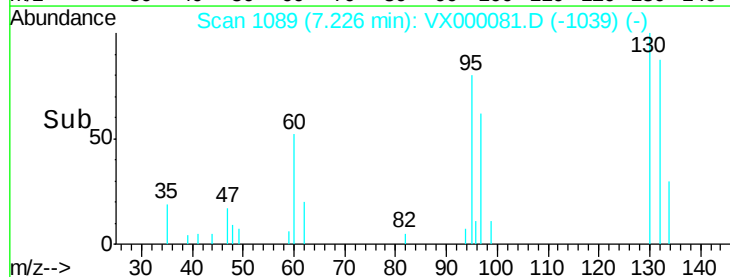
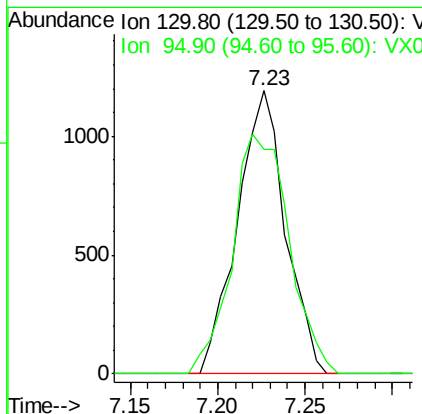
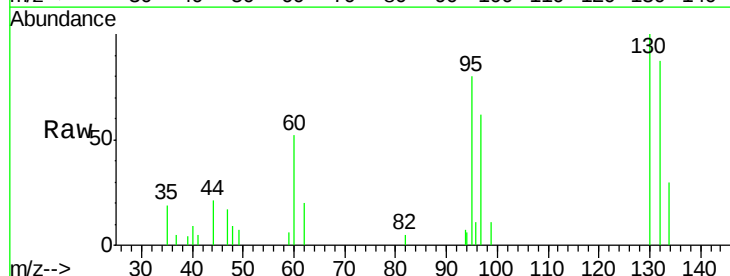
MMDadoda
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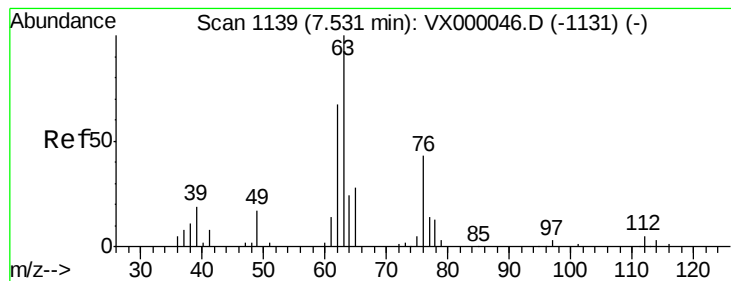


#44

Trichloroethene
 Concen: 1.82 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	79.5	0.0	185.2





#45

1,2-Dichloropropane

Concen: 2.13 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion: 63 Resp: 2101

Ion Ratio Lower Upper

63 100

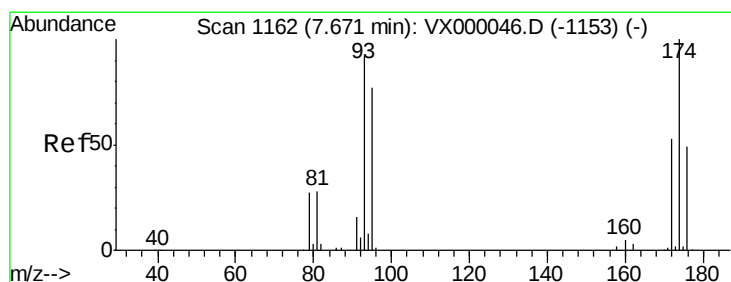
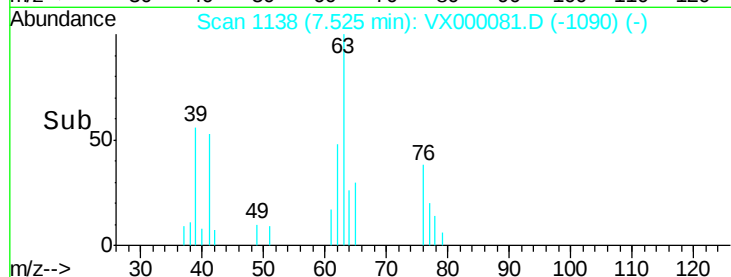
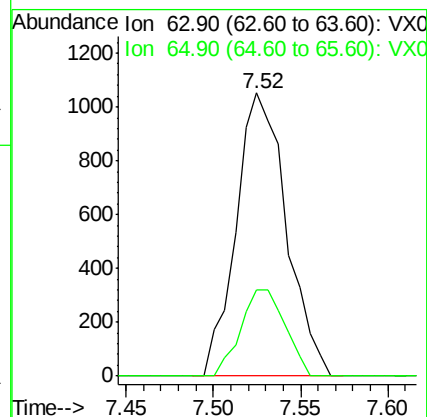
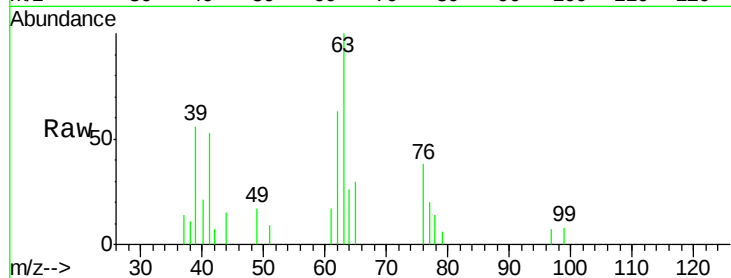
65 30.2 23.7 35.5

Manual Integrations

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2/16/2018 2:28:05 PM



#46

Dibromomethane

Concen: 1.97 ug/l

RT: 7.68 min Scan# 1163

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

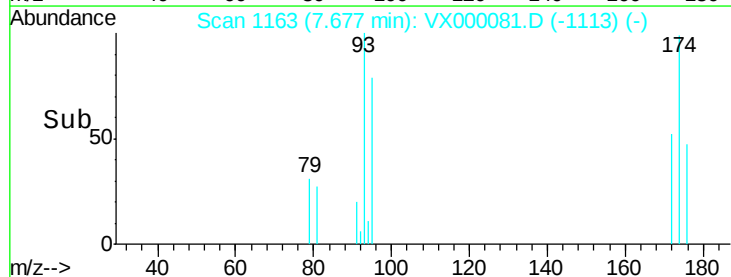
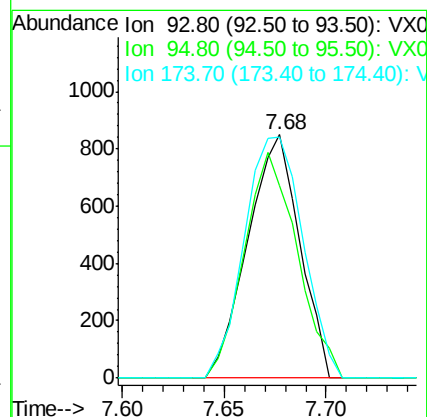
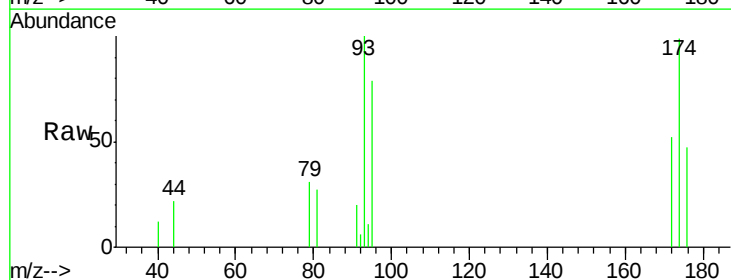
Tgt Ion: 93 Resp: 1500

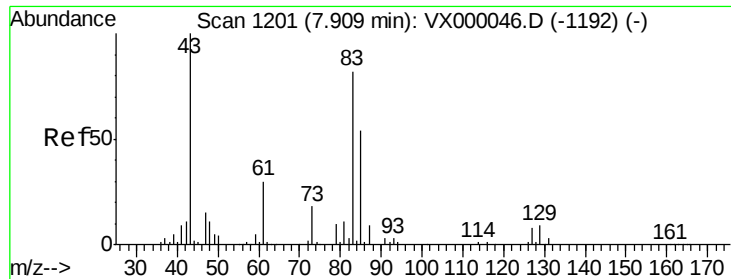
Ion Ratio Lower Upper

93 100

95 94.5 66.3 99.5

174 112.0 90.4 135.6





#47

Bromodichloromethane

Concen: 1.95 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

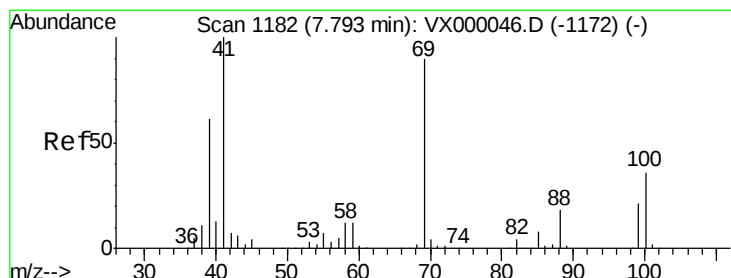
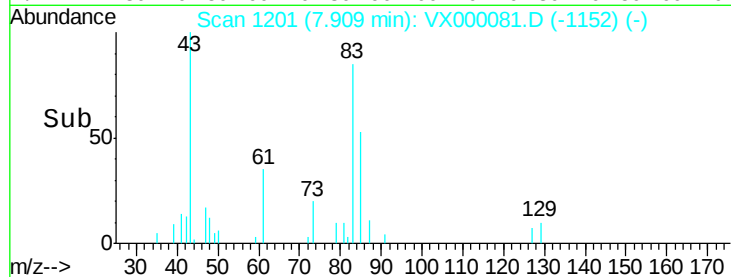
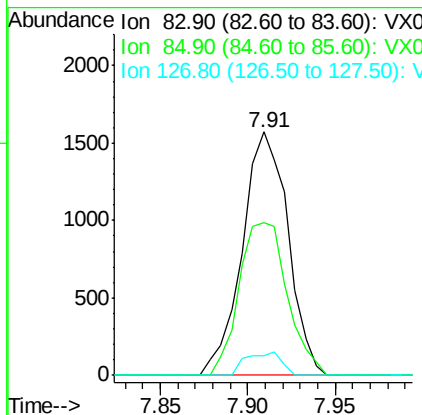
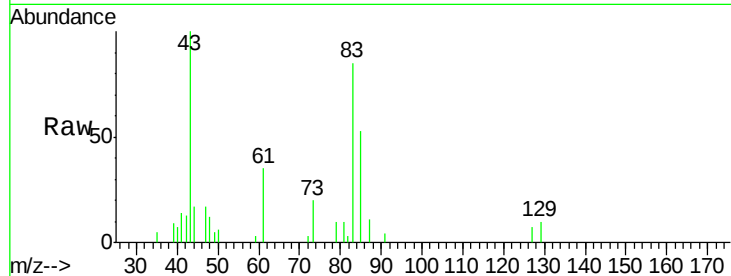
ClientSampled :

MDL06 2.00PPB

Tot Ion:	83	Resp:	2880
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.3	78.5
127	8.0	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 1.99 ug/l

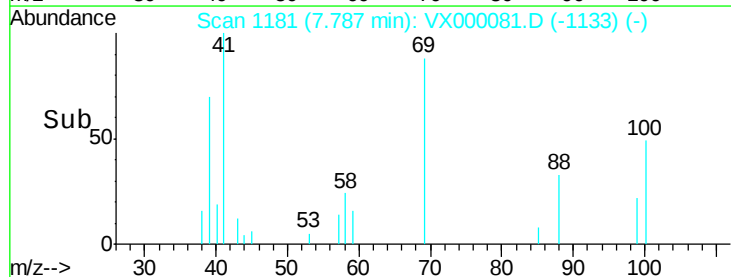
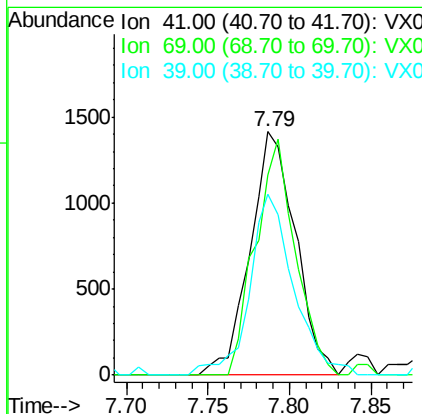
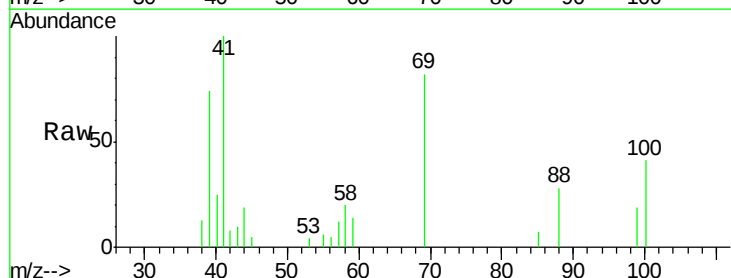
RT: 7.79 min Scan# 1181

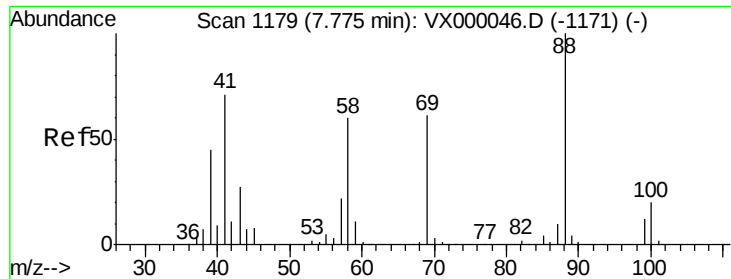
Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	41	Resp:	2722
Ion	Ratio	Lower	Upper
41	100		
69	85.5	72.1	108.1
39	72.6	49.6	74.4





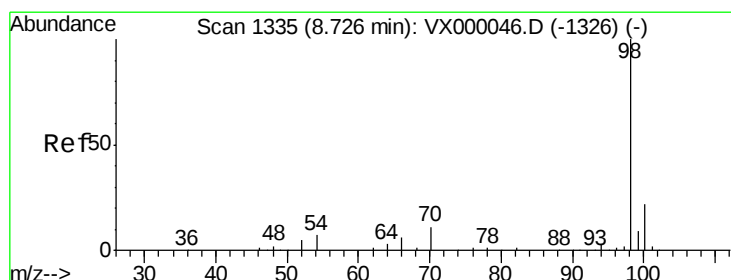
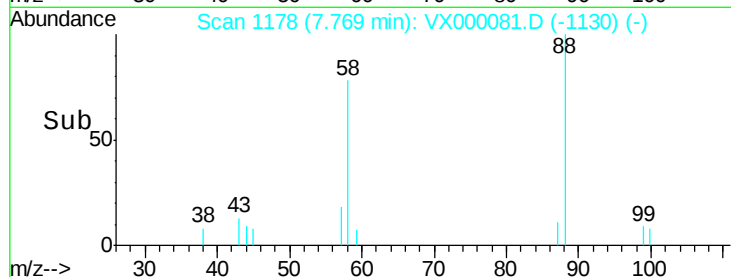
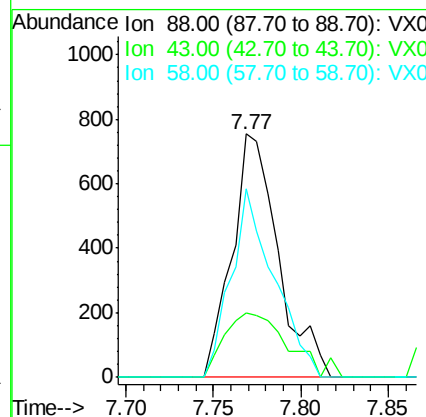
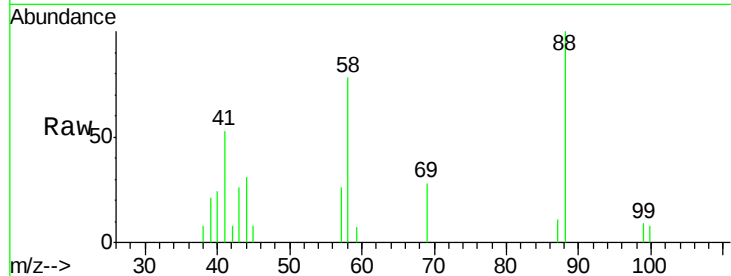
#49
1,4-Dioxane
Concen: 38.15 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	22.6	33.8#
58	71.9	49.4	74.2

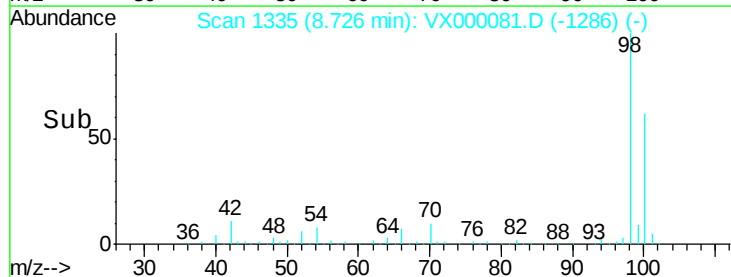
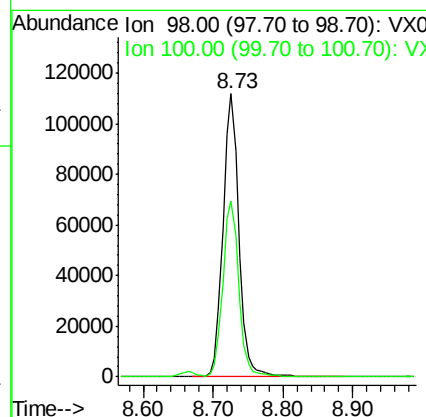
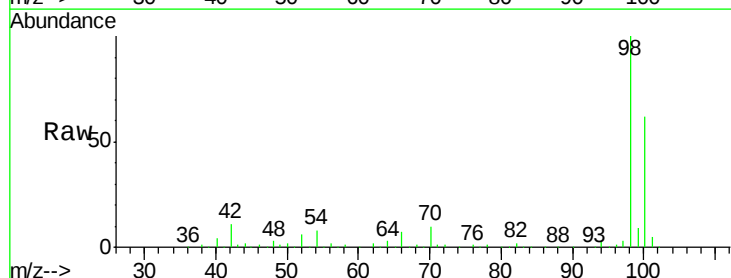
Manual Integrations
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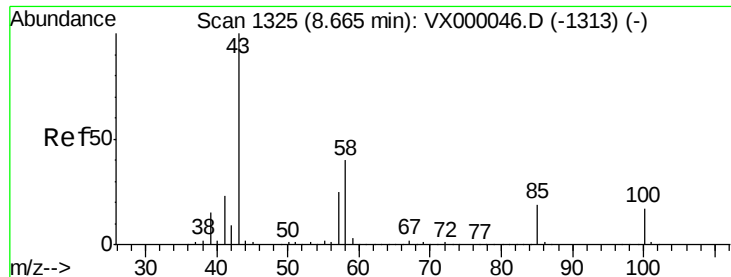
MMDadoda
2/16/2018 2:28:05 PM



#50
Toluene-d8
Concen: 49.49 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.0	51.8	77.6





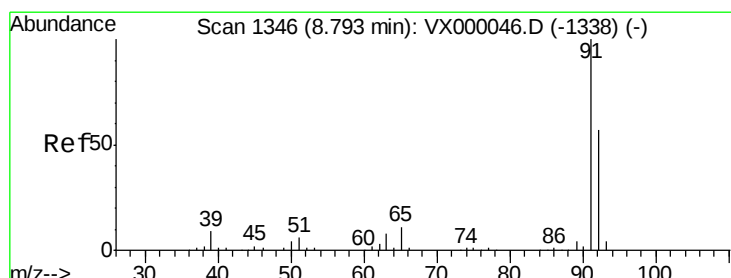
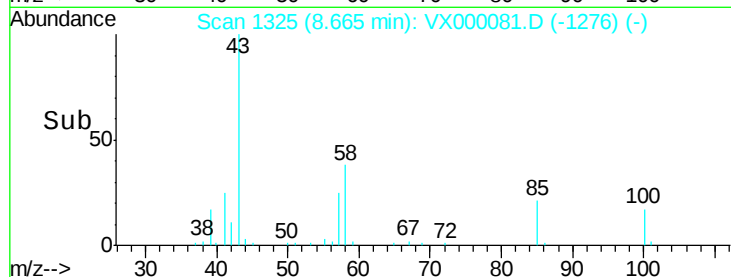
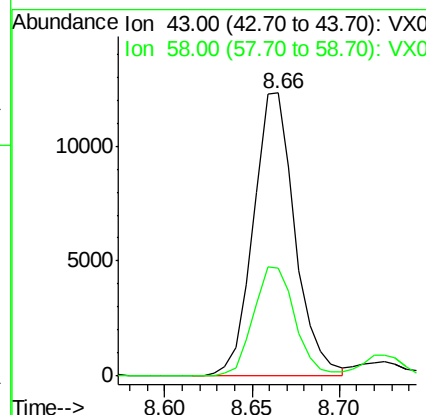
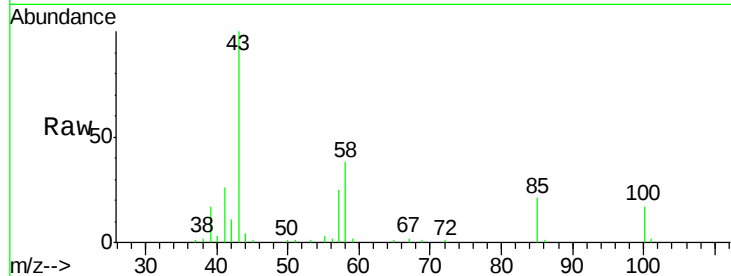
#51
4-Methyl-2-Pentanone
Concen: 10.54 ug/l
RT: 8.66 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
Client Sampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.2	32.1	48.1

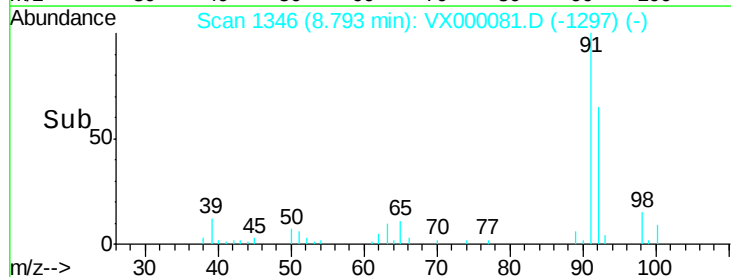
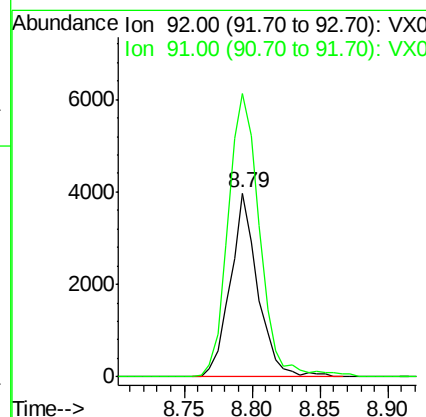
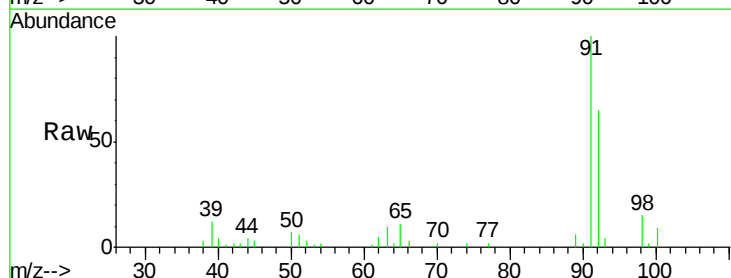
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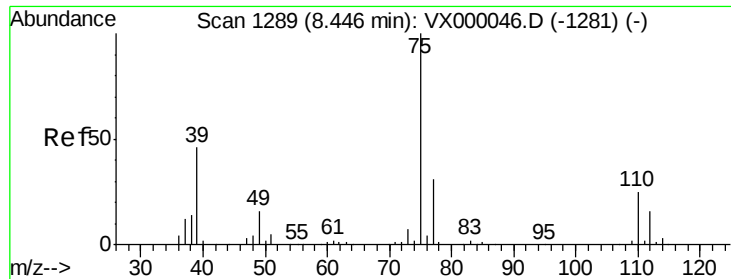
MMDadoda
2/16/2018 2:28:05 PM



#52
Toluene
Concen: 2.05 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	177.1	139.8	209.6





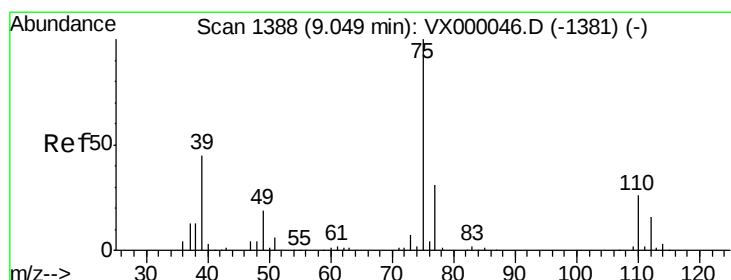
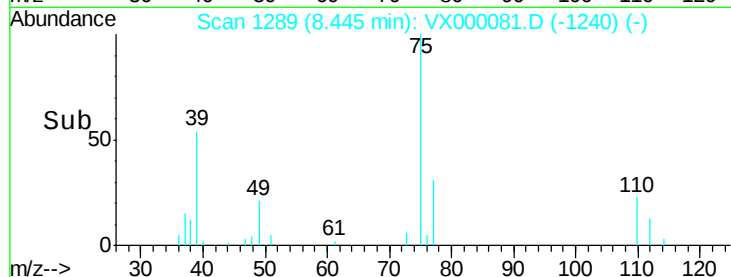
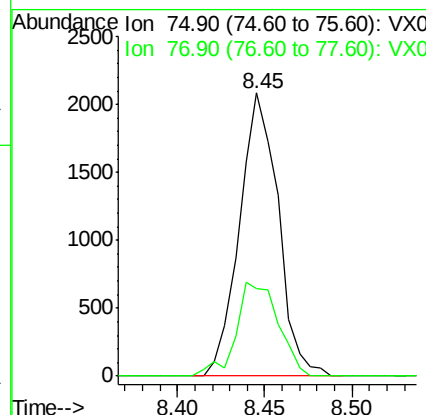
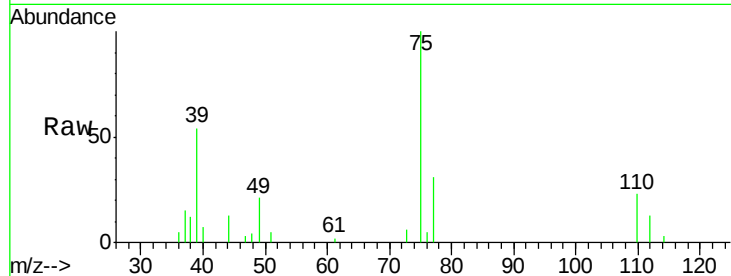
#53
 t-1,3-Dichloropropene
 Concen: 1.86 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion: 75 Resp: 3216
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.0 37.4

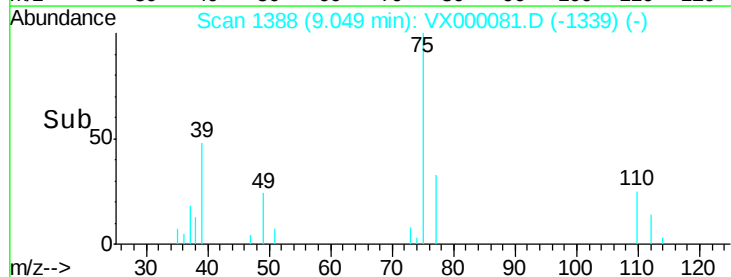
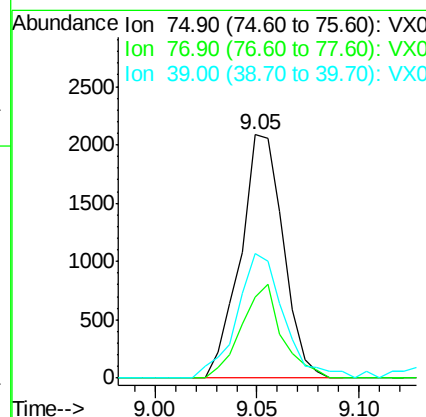
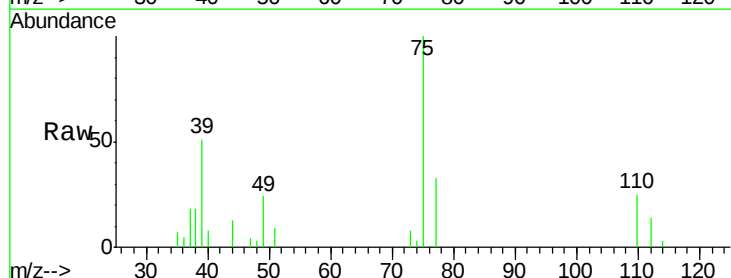
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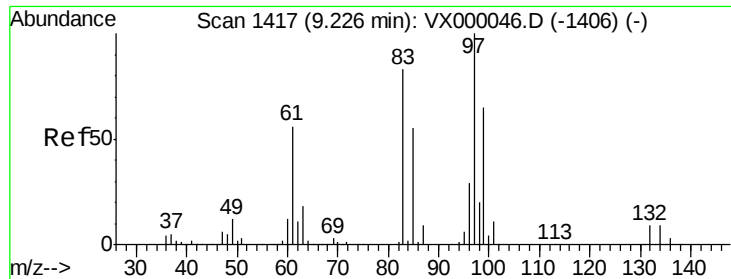
MMDadoda
 2/16/2018 2:28:05 PM



#54
 cis-1,3-Dichloropropene
 Concen: 1.81 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion: 75 Resp: 3044
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.1 37.7
 39 51.3 36.1 54.1





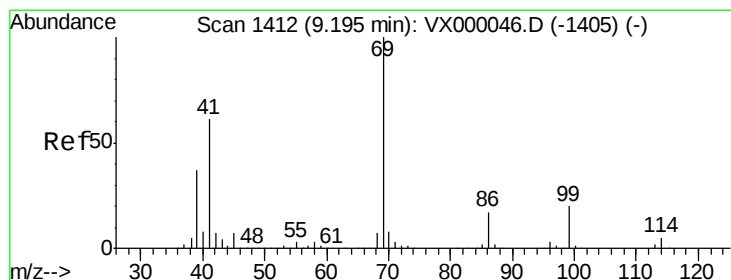
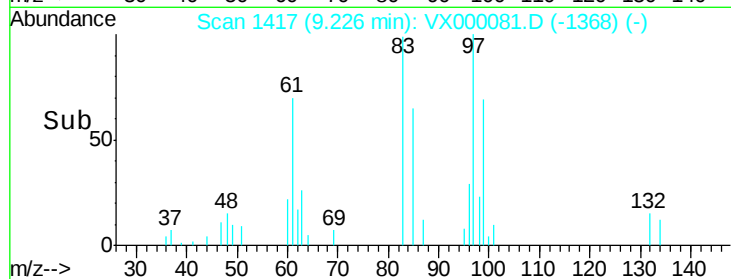
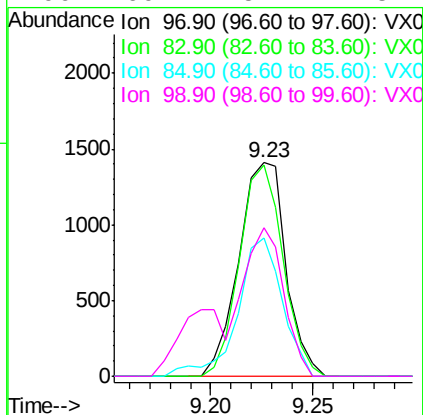
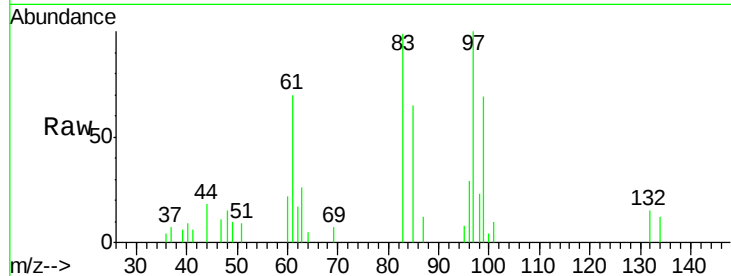
#55
 1,1,2-Trichloroethane
 Concen: 1.98 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion:	97	Resp:	2257
Ion	Ratio	Lower	Upper
97	100		
83	98.9	66.5	99.7
85	64.9	43.8	65.6
99	69.4	52.2	78.4

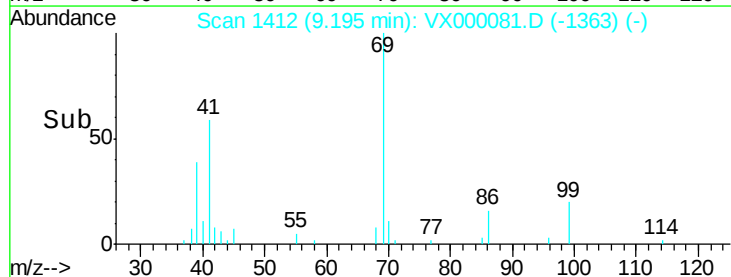
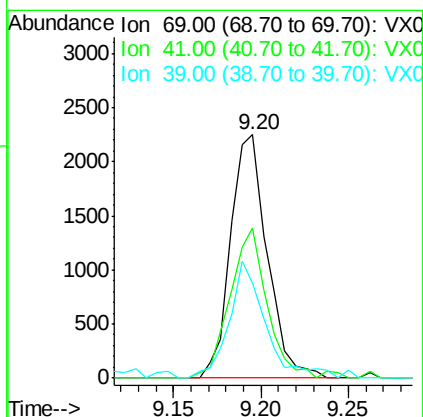
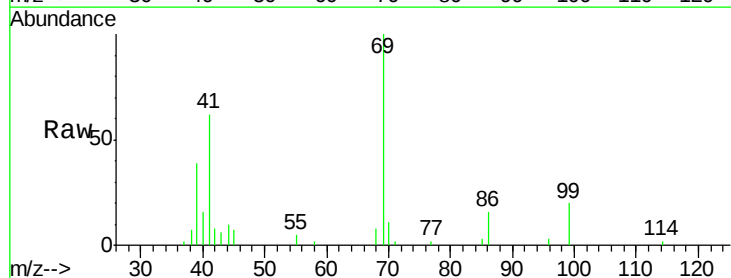
Manual Integrations
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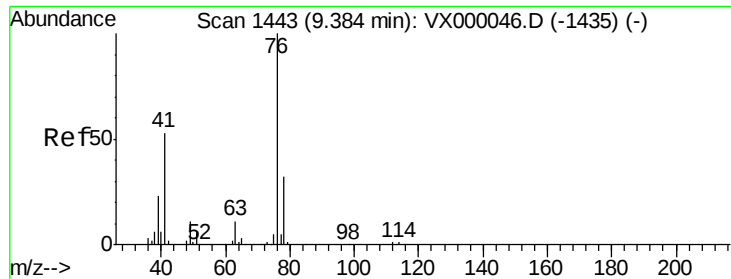
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 1.87 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion:	69	Resp:	3285
Ion	Ratio	Lower	Upper
69	100		
41	61.9	49.5	74.3
39	48.2	29.9	44.9#





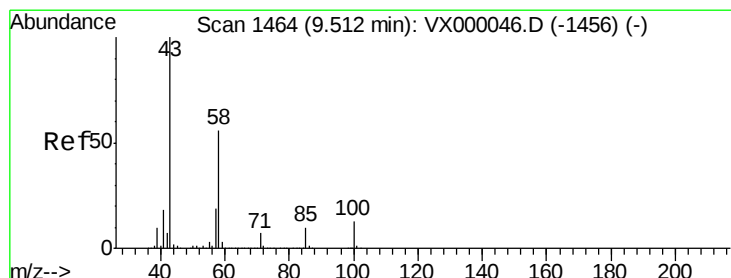
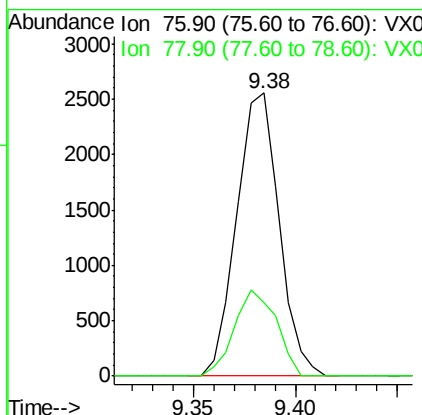
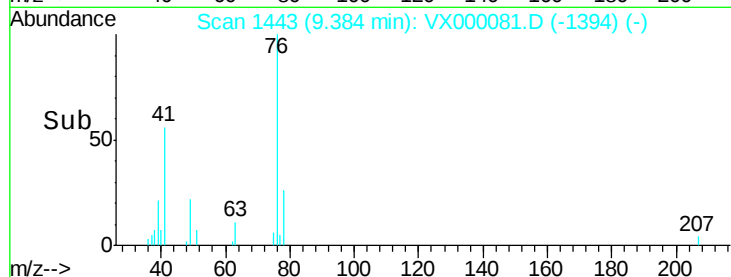
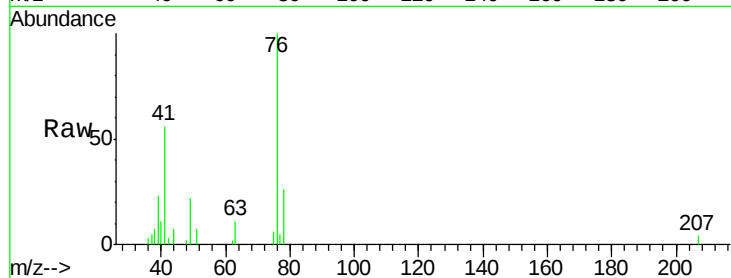
#57
 1,3-Dichloropropane
 Concen: 2.08 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampleId :
 MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
76	100		
78	30.1	25.9	38.9

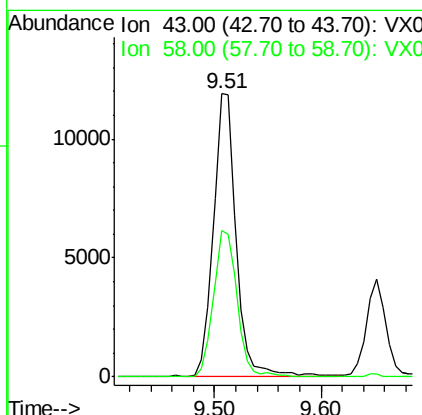
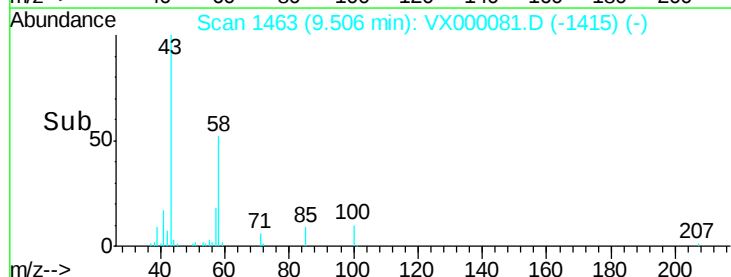
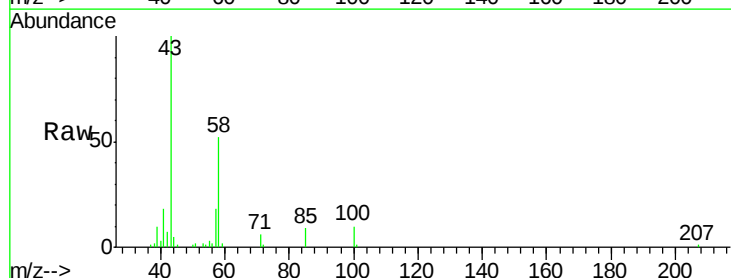
Manual Integrations
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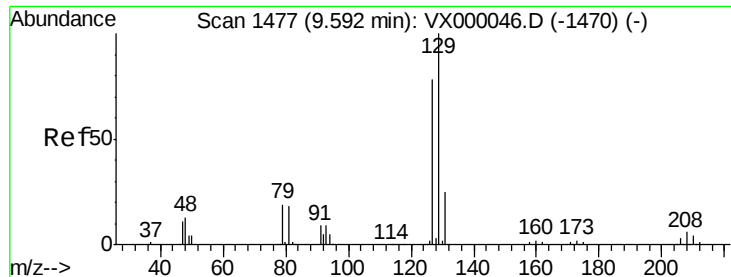
MMDadoda
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#59
 2-Hexanone
 Concen: 11.15 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.2	27.6	82.7





#60

Dibromochloromethane

Concen: 1.82 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion:129 Resp: 2388

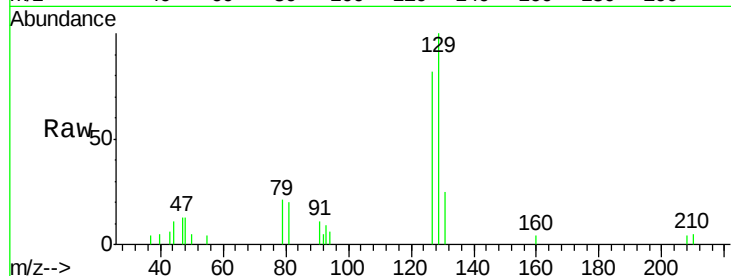
Ion Ratio Lower Upper

129 100

127 74.5 38.6 115.8

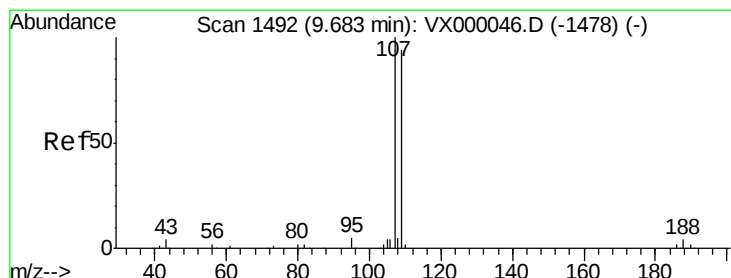
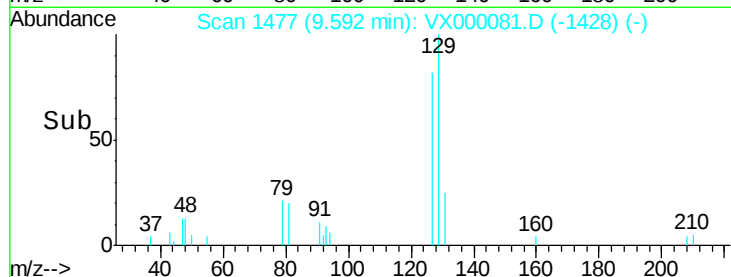
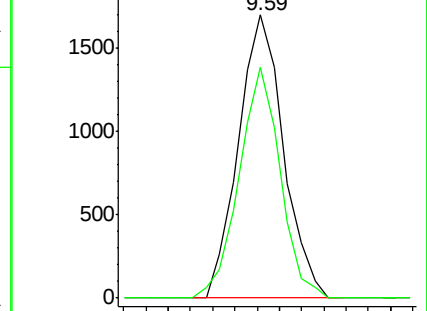
Manual Integrations
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MMDadoda
2/16/2018 2:28:05 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.93 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000081.D

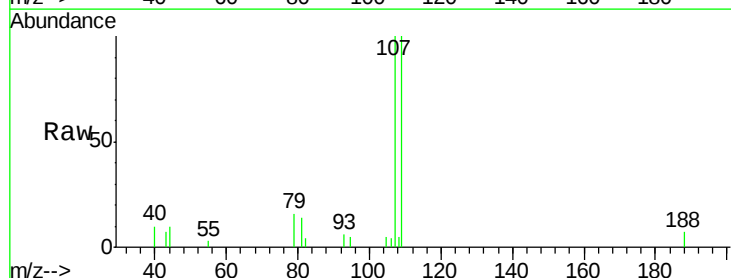
Acq: 13 Feb 2018 17:47

Tgt Ion:107 Resp: 2434

Ion Ratio Lower Upper

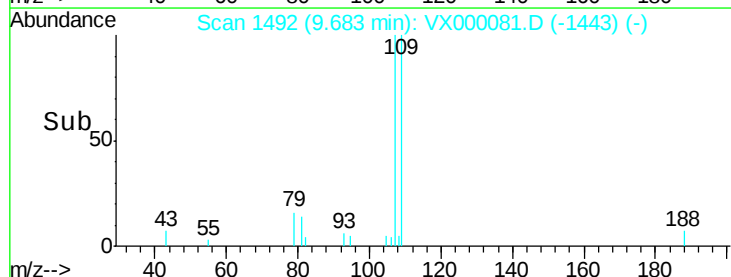
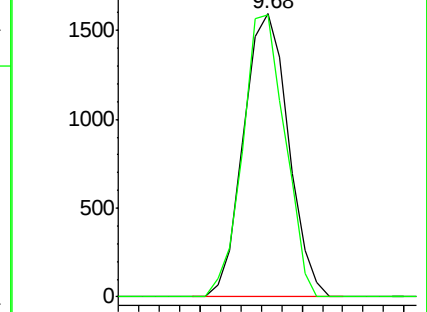
107 100

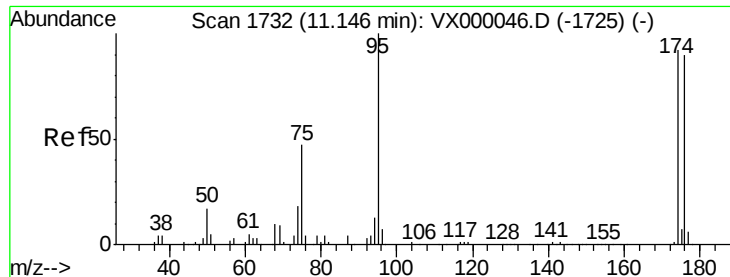
109 93.9 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





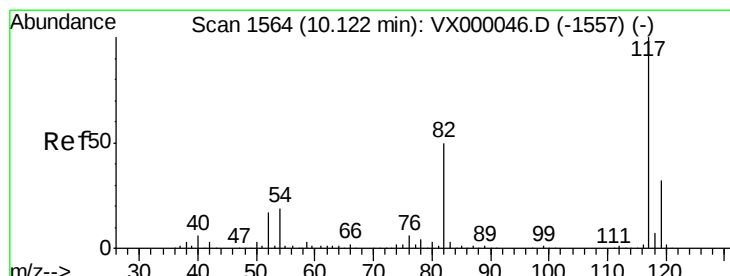
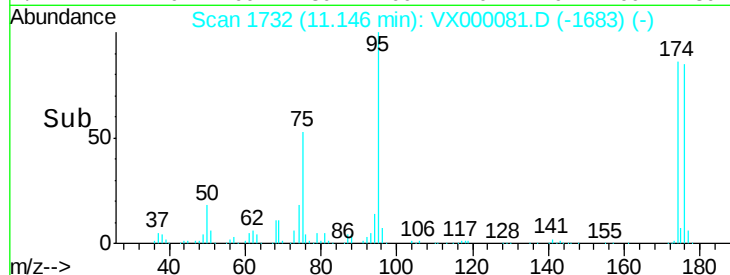
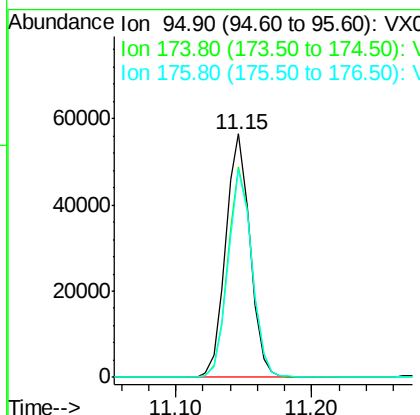
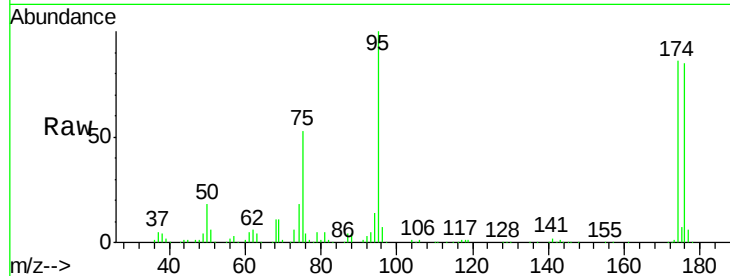
#62
4-Bromofluorobenzene
Concen: 48.18 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
95	100	70144		
174	85.6	0.0	185.6	
176	83.9	0.0	181.8	

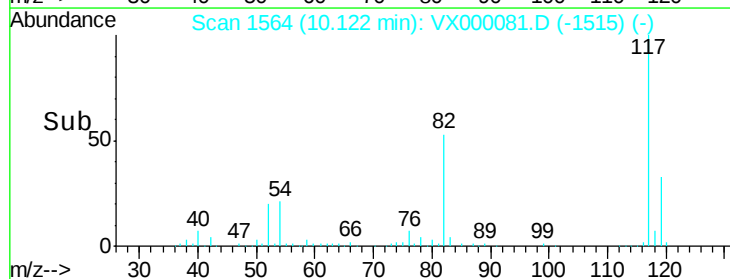
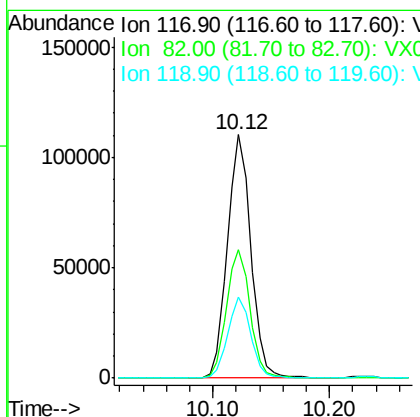
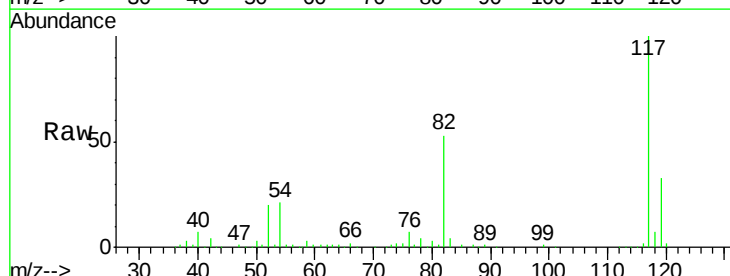
Manual Integrations
APPROVED

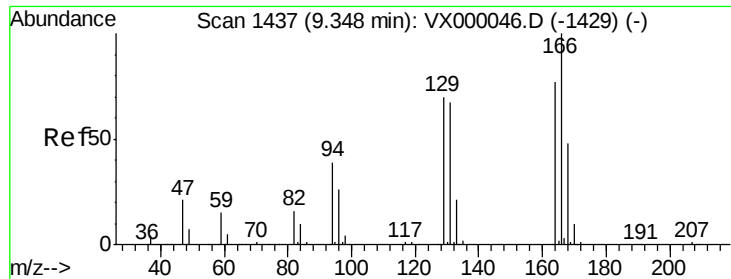
MMDadoda
2/16/2018 2:28:05 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	155097		
82	52.7	40.3	60.5	
119	33.1	25.3	37.9	





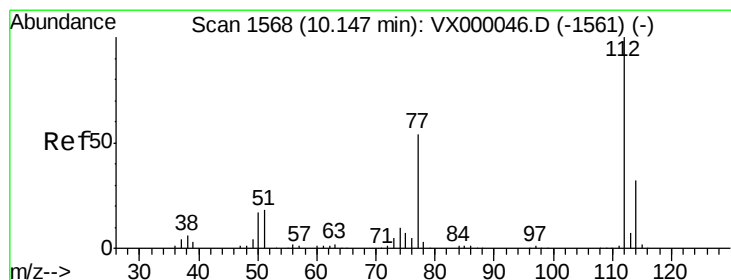
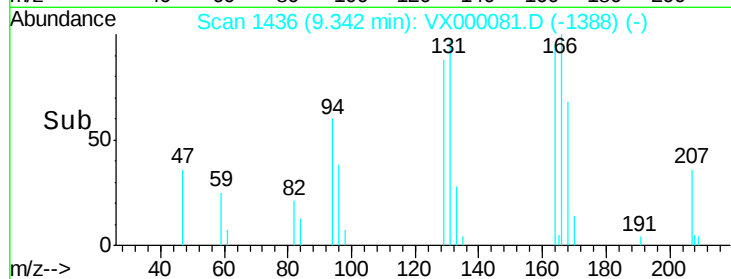
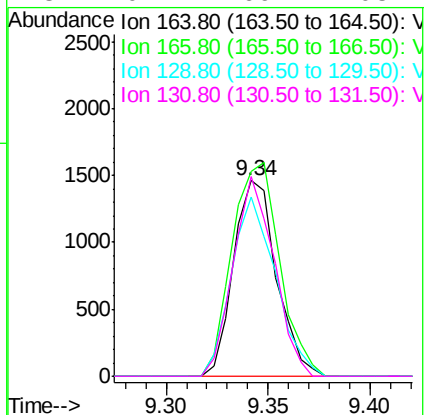
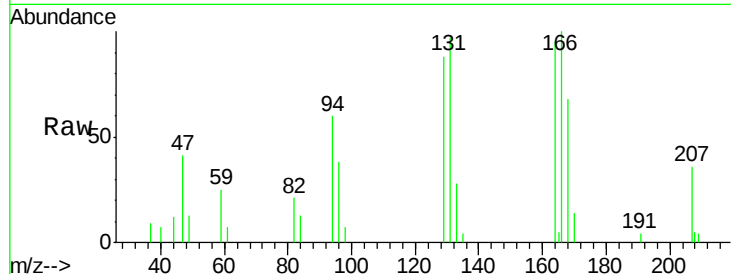
#64
Tetrachloroethene
Concen: 1.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
164	100		
166	105.1	103.7	155.5
129	92.0	72.2	108.4
131	102.2	69.1	103.7

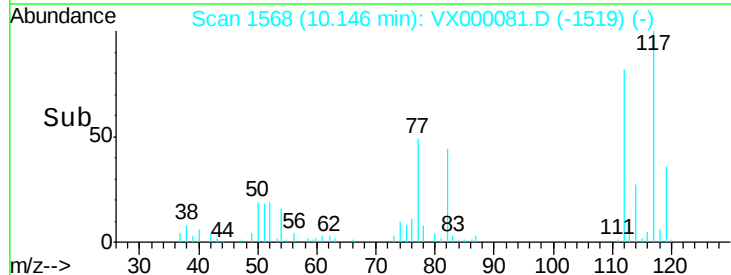
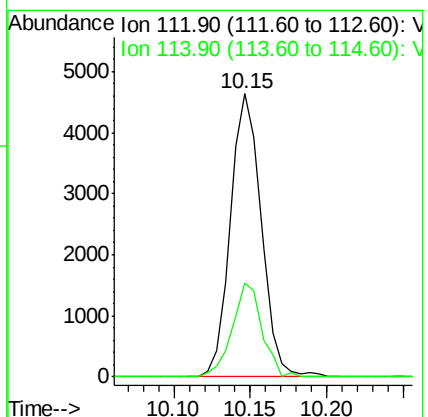
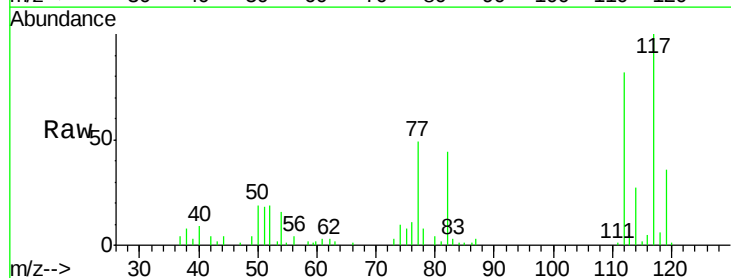
Manual Integrations
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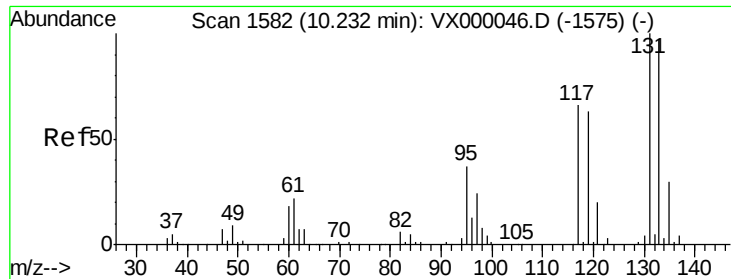
MMDadoda
2/16/2018 2:28:05 PM



#65
Chlorobenzene
Concen: 2.01 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.6	38.4





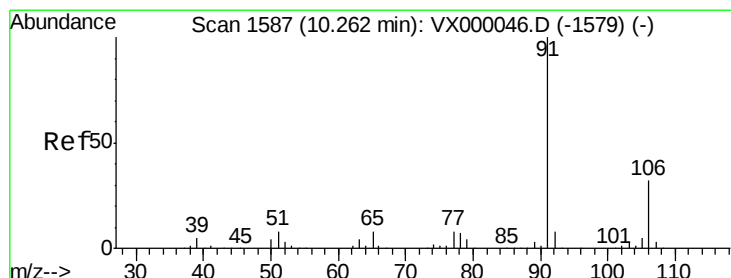
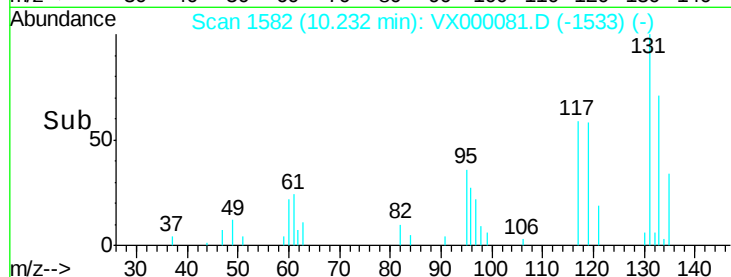
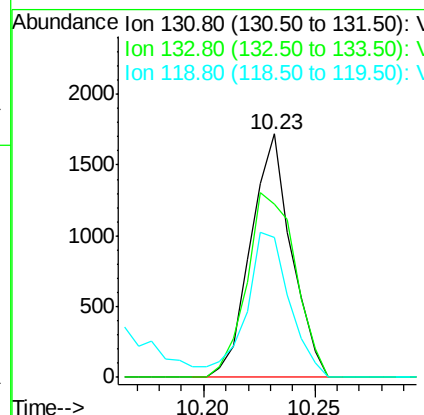
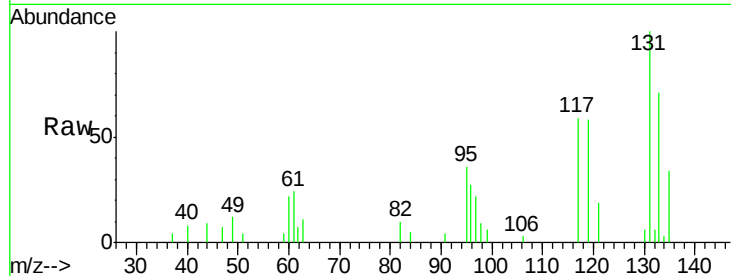
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.89 ug/l
 RT: 10.23 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
131	100		
133	90.6	47.6	142.9
119	0.0	31.7	95.1#

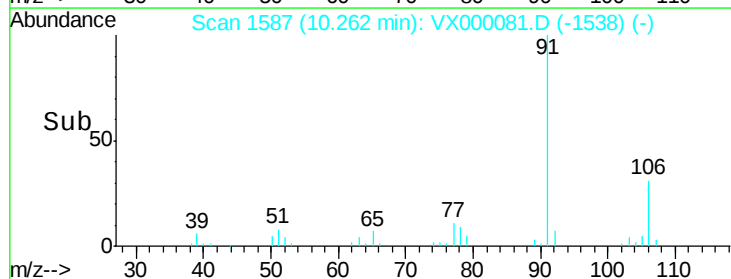
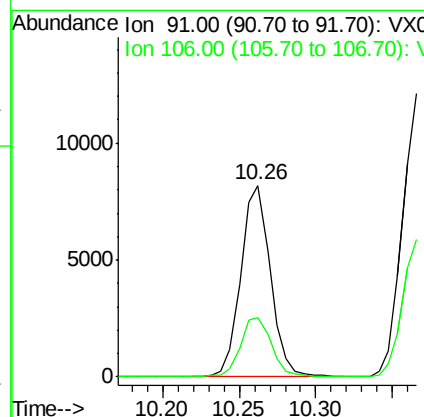
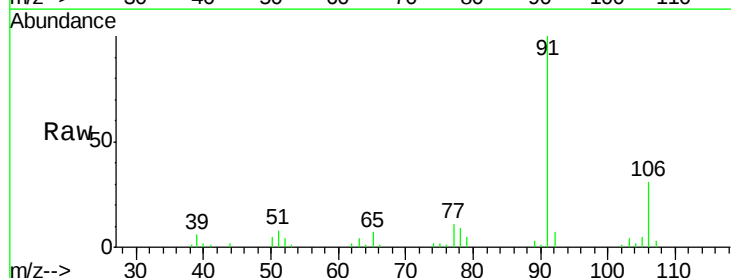
Manual Integrations
 APPROVED

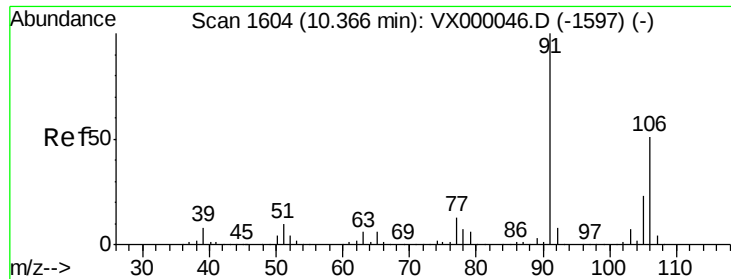
MMDadoda
 2/16/2018 2:28:05 PM



#67
 Ethyl Benzene
 Concen: 2.05 ug/l
 RT: 10.26 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.9	38.9





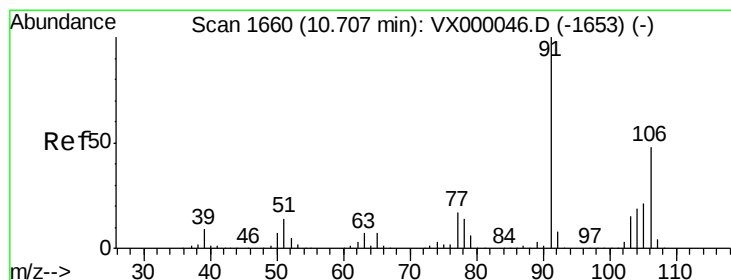
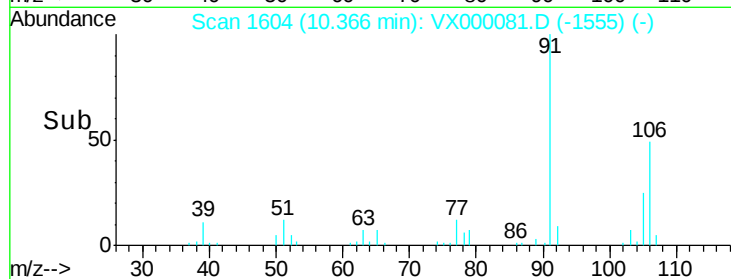
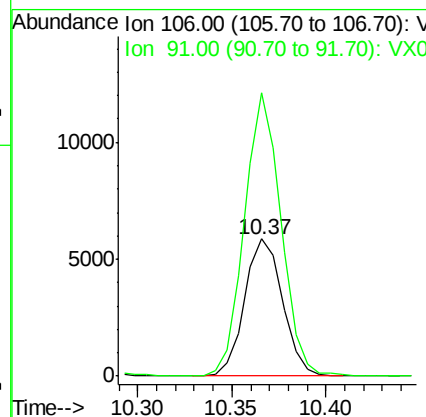
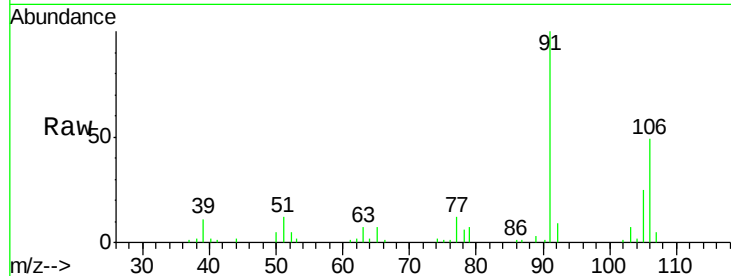
#68
m/p-Xylenes
Concen: 3.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion:106 Resp: 8230
Ion Ratio Lower Upper
106 100
91 198.3 158.3 237.5

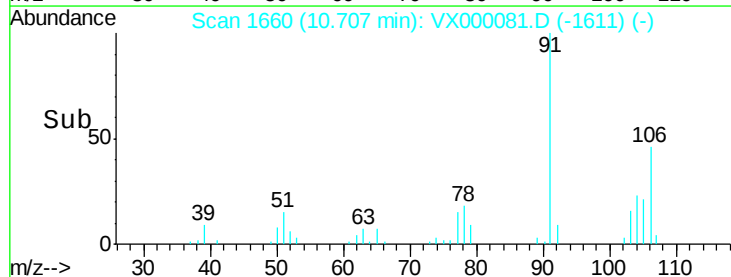
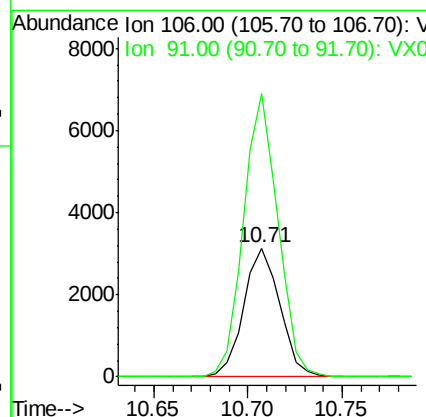
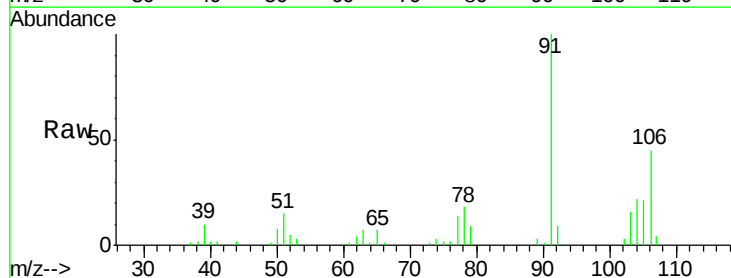
Manual Integrations
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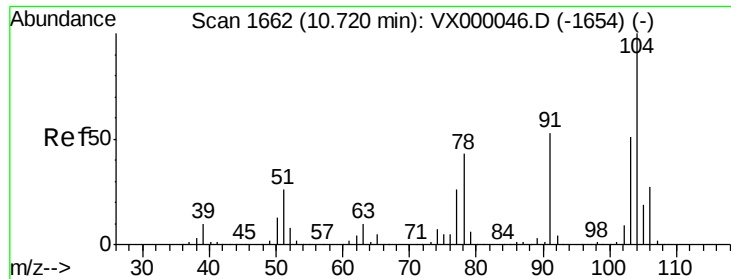
MMDadoda
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#69
o-Xylene
Concen: 2.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion:106 Resp: 4188
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0





#70

Stvrene

Concen: 1.80 ug/l

RT: 10.72 min Scan# 1662

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

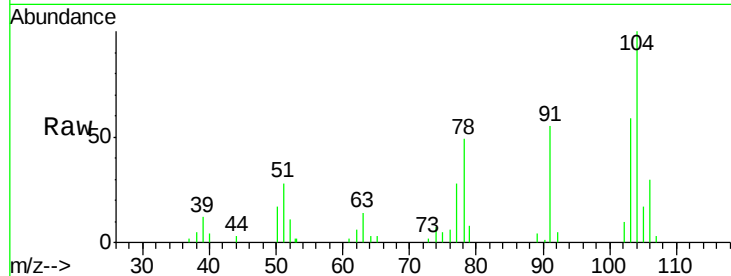
ClientSampled :

MDL06 2.00PPB

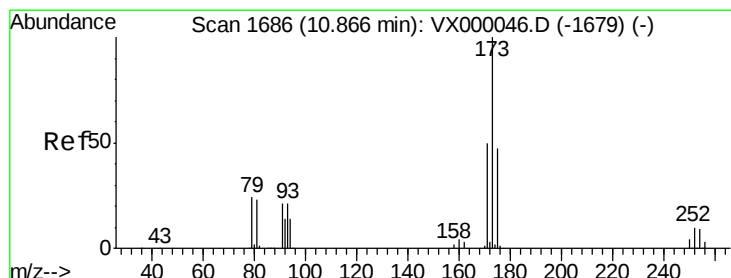
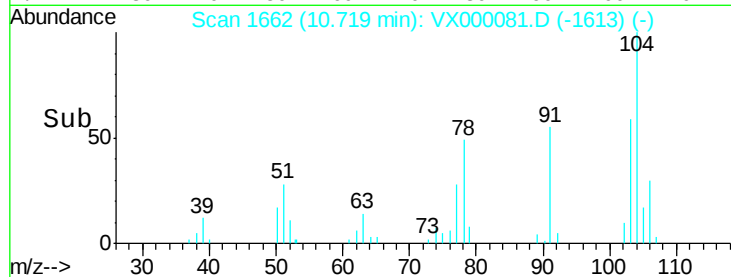
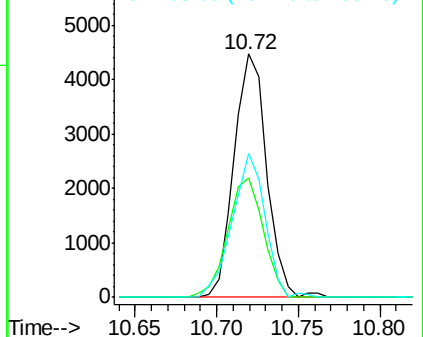
Tot Ion:	104	Resp:	6236
Ion Ratio	Lower	Upper	
104	100		
78	53.4	37.7	56.5
103	59.7	44.0	66.0

Manual Integrations
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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 1.58 ug/l

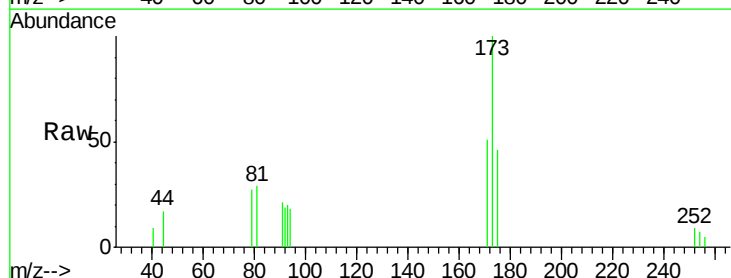
RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

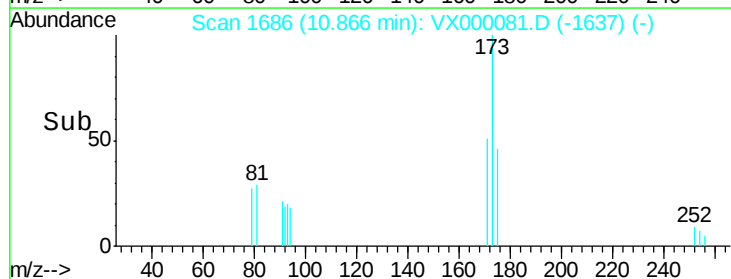
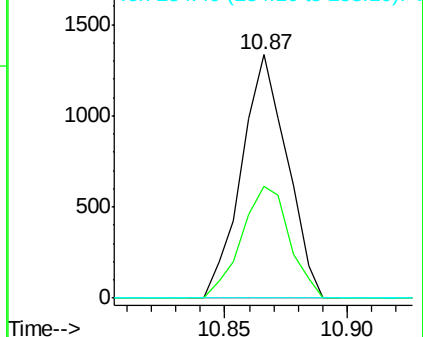
Lab File: VX000081.D

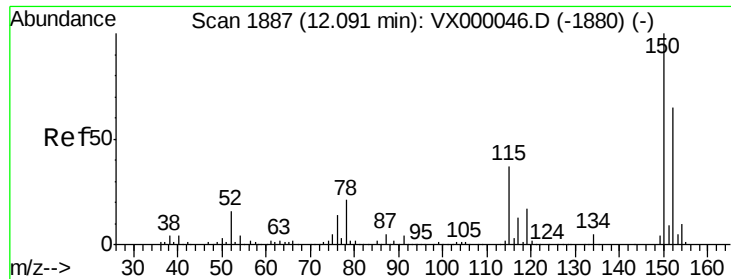
Acq: 13 Feb 2018 17:47

Tgt Ion:	173	Resp:	1728
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.9	71.8
254	0.0	0.1	0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

ClientSampled :

MDL06 2.00PPB

Tot Ion:152 Resp: 83106

Ion Ratio Lower Upper

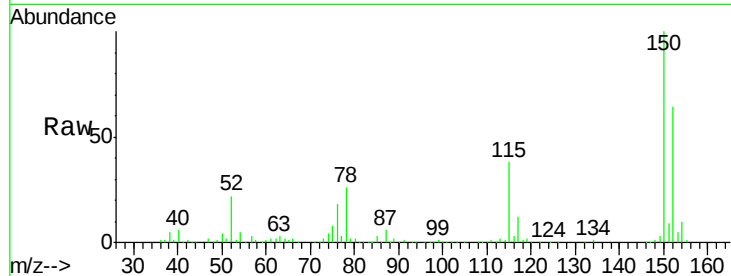
152 100

115 58.3 39.3 117.8

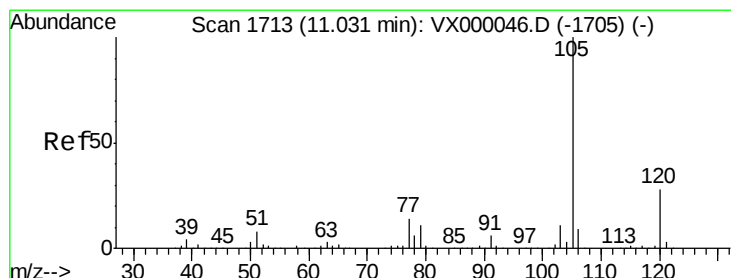
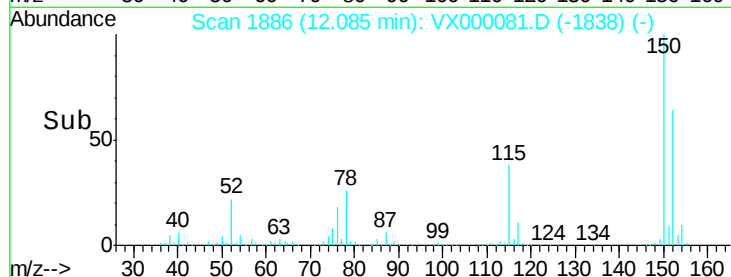
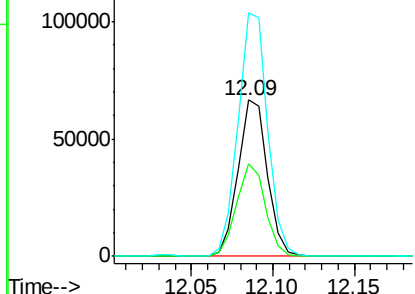
150 157.7 0.0 349.2

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



#73

Isopropylbenzene

Concen: 2.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000081.D

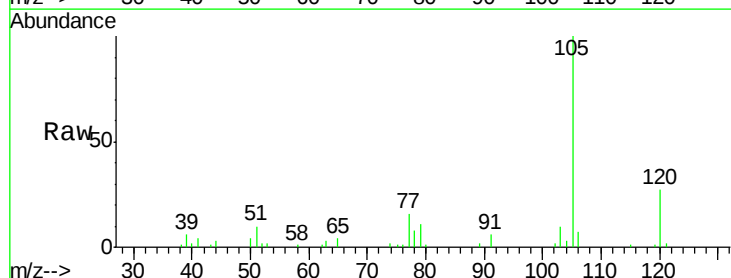
Acq: 13 Feb 2018 17:47

Tgt Ion:105 Resp: 10934

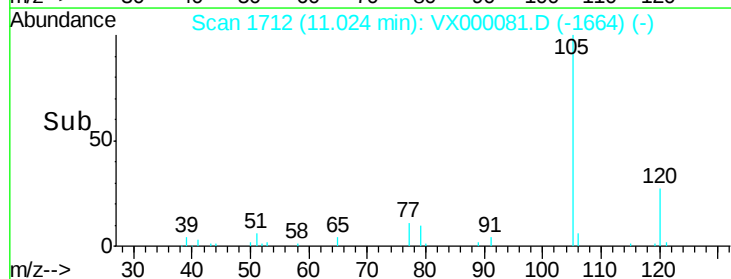
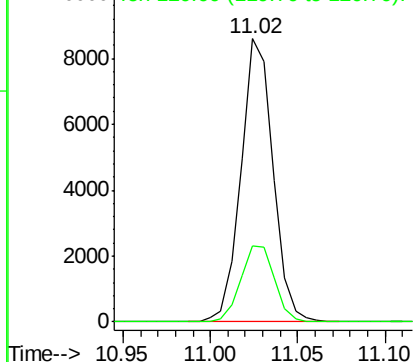
Ion Ratio Lower Upper

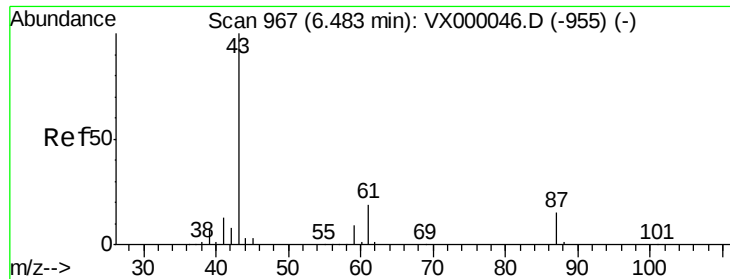
105 100

120 28.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 2.24 ug/l

RT: 6.49 min Scan# 968

Delta R.T. 0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

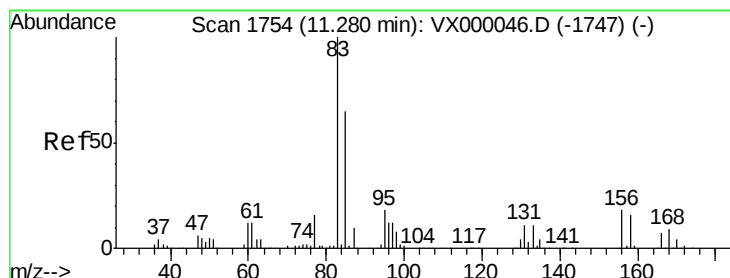
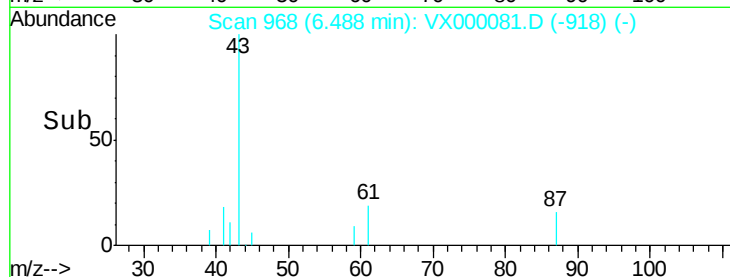
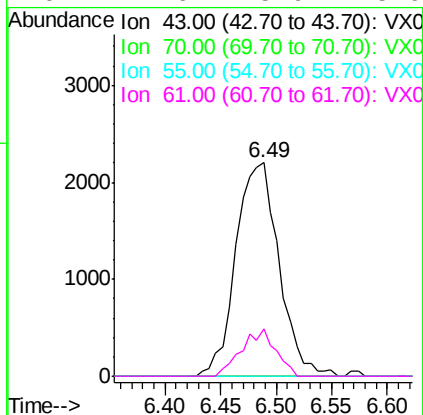
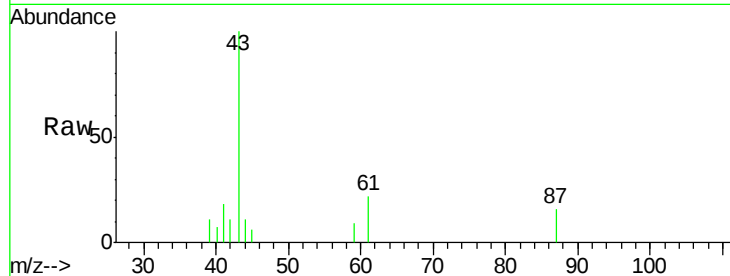
ClientSampled :

MDL06 2.00PPB

Tot Ion:	43	Resp:	5923
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	17.6	15.9	23.9

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 2.16 ug/l

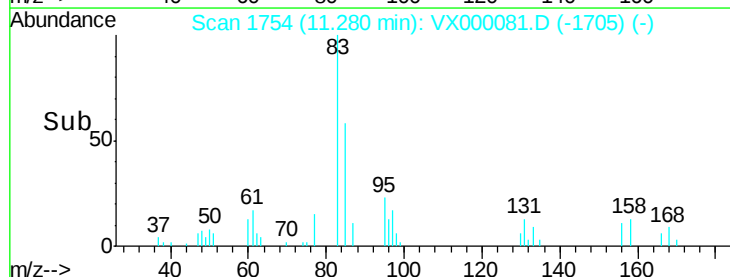
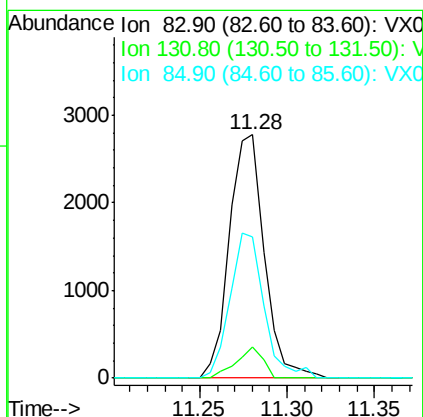
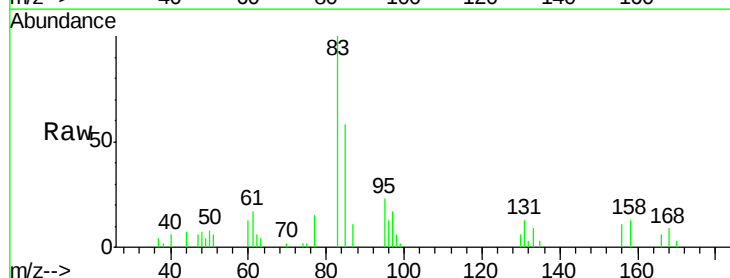
RT: 11.28 min Scan# 1754

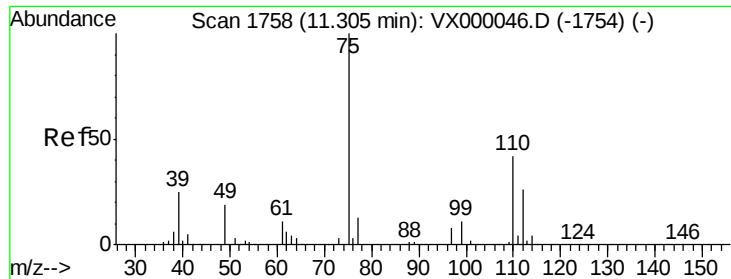
Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	83	Resp:	3866
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.5	16.7
85	57.9	32.6	97.7





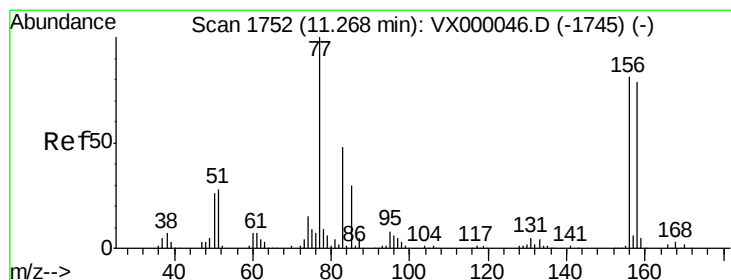
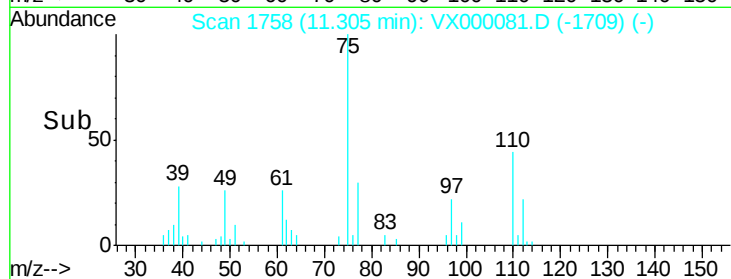
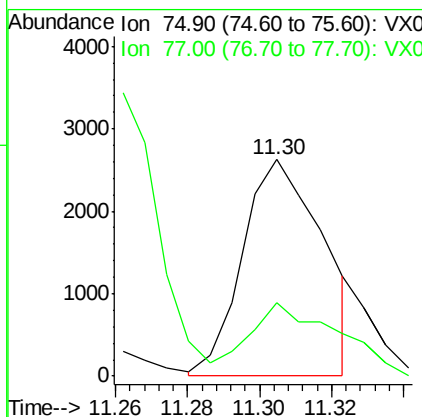
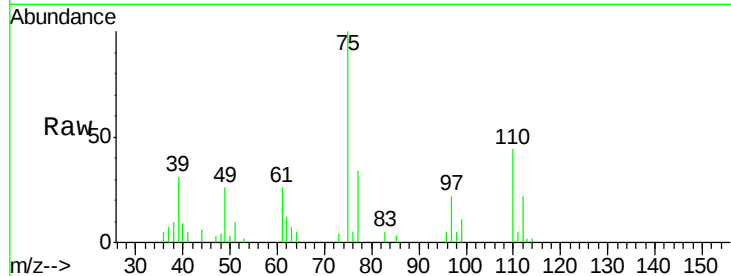
#76
1,2,3-Trichloropropane
Concen: 2.61 ug/l m
RT: 11.30 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion: 75 Resp: 4084
Ion Ratio Lower Upper
75 100
77 37.2 23.7 71.1

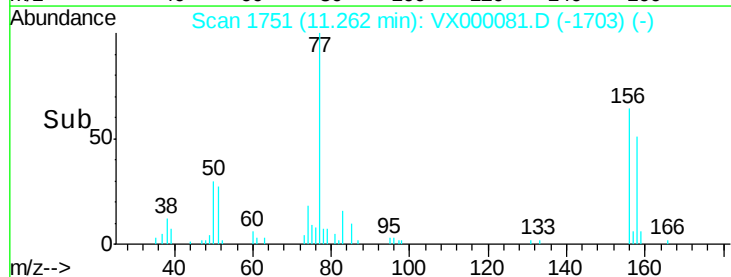
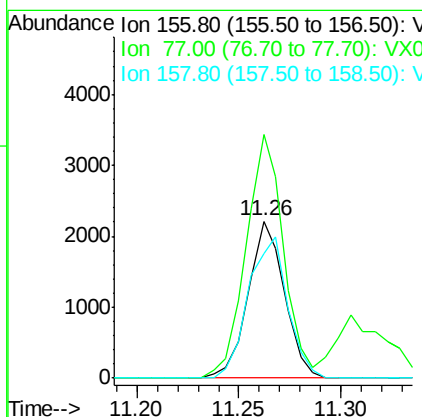
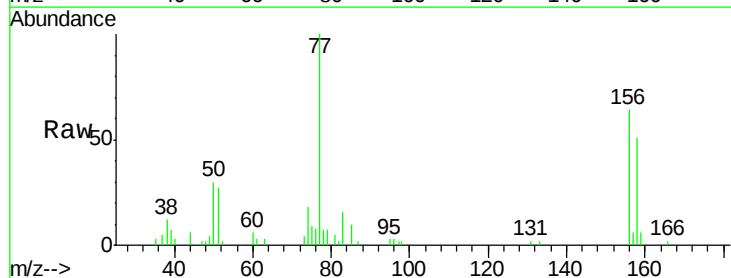
Manual Integrations
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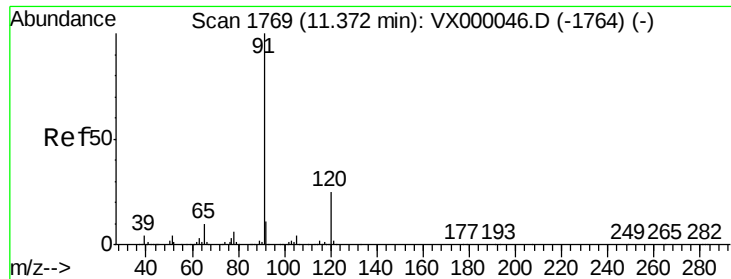
MMDadoda
2/16/2018 2:28:05 PM



#77
Bromobenzene
Concen: 1.92 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.01 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 156 Resp: 2745
Ion Ratio Lower Upper
156 100
77 159.5 66.2 198.6
158 97.1 48.6 145.9





#78

n-propylbenzene

Concen: 2.07 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

Client Sampled :

MDL06 2.00PPB

Tot Ion: 91 Resp: 12660

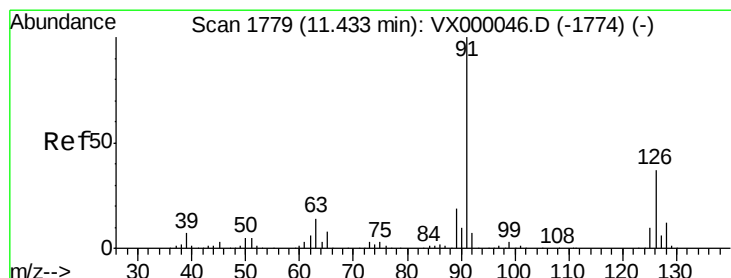
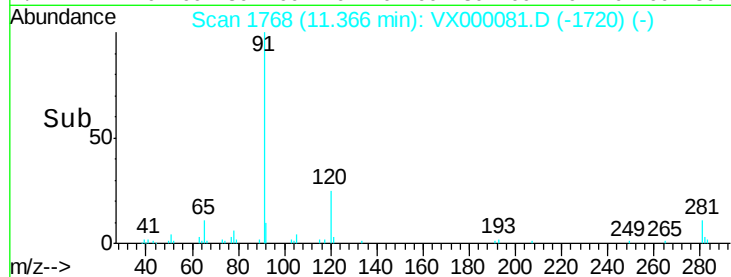
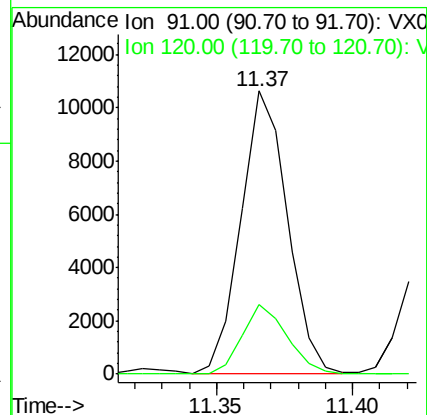
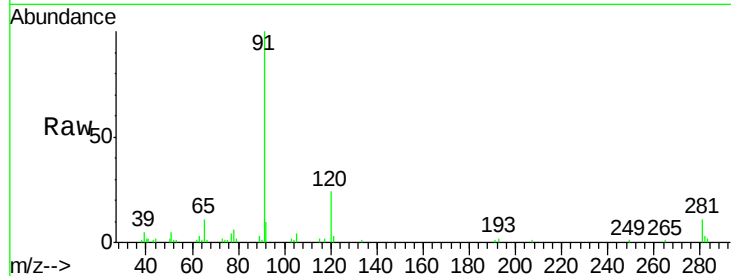
Ion Ratio Lower Upper

91 100

120 23.5 12.2 36.6

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#79

2-Chlorotoluene

Concen: 2.12 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000081.D

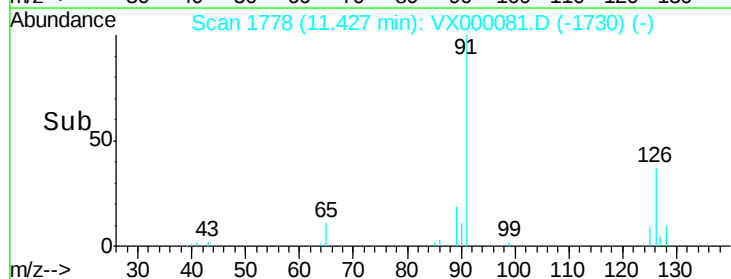
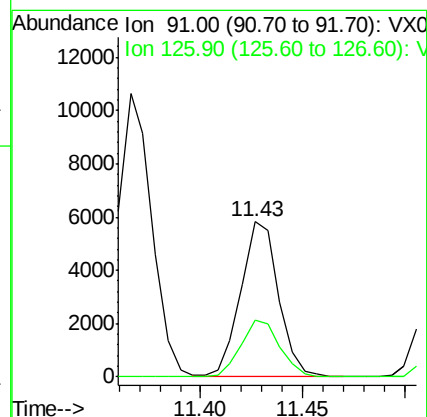
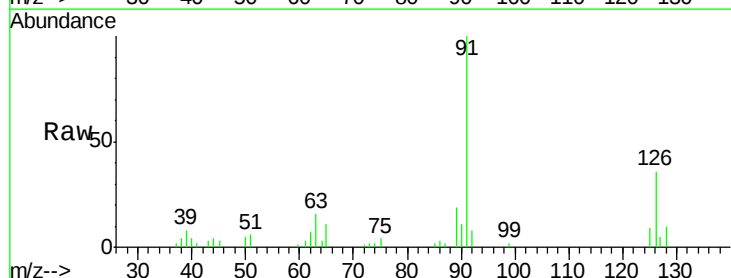
Acq: 13 Feb 2018 17:47

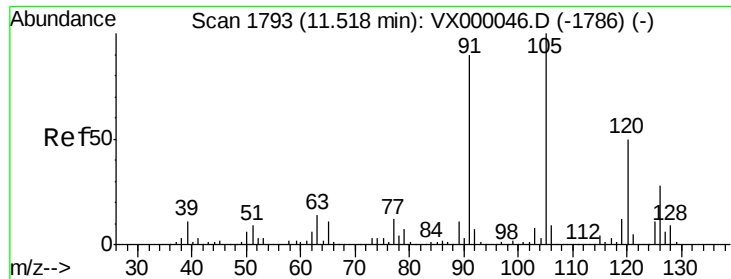
Tgt Ion: 91 Resp: 7510

Ion Ratio Lower Upper

91 100

126 37.1 18.2 54.6





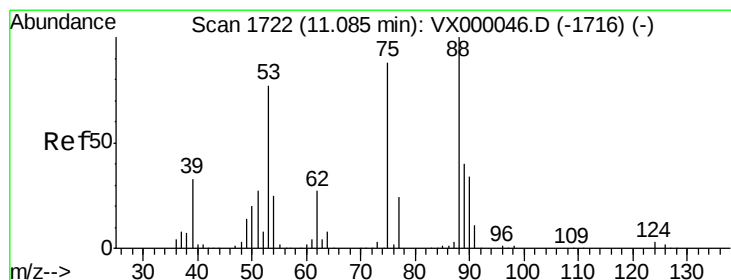
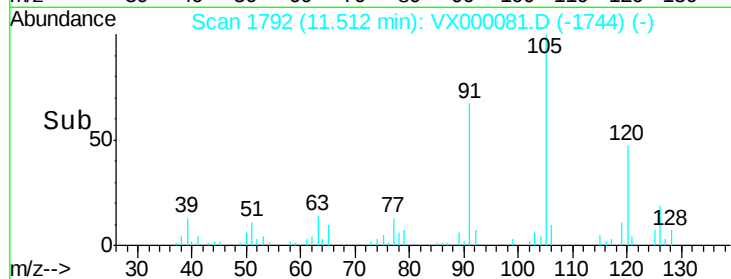
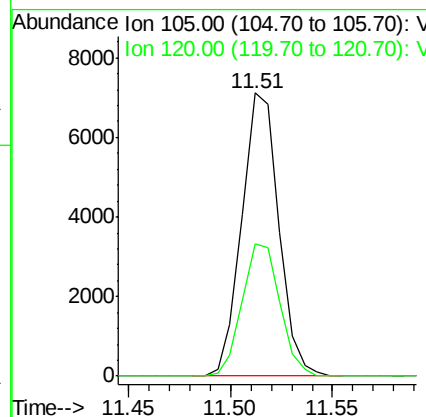
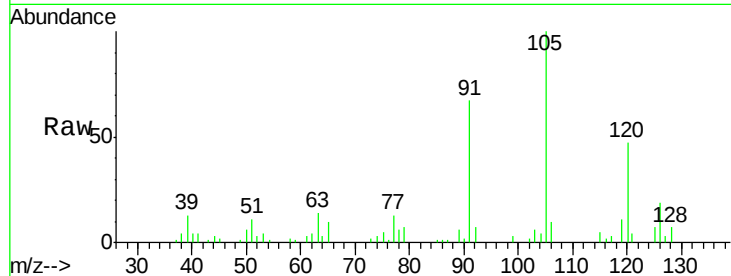
#80
 1,3,5-Trimethylbenzene
 Concen: 2.03 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 Client Sampled :
 MDL06 2.00PPB

Tot Ion: 105 Resp: 8973
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.8 74.3

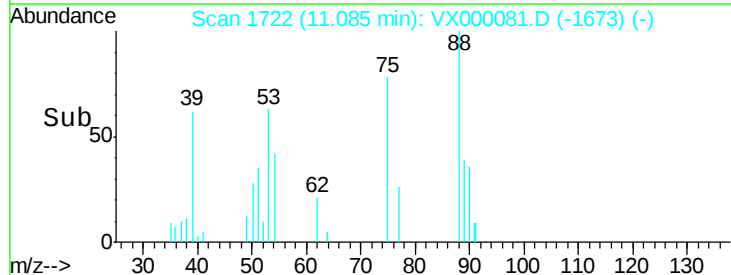
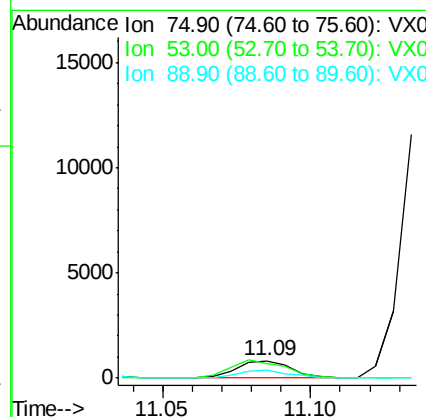
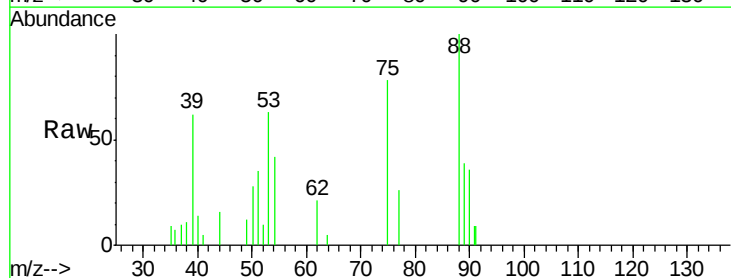
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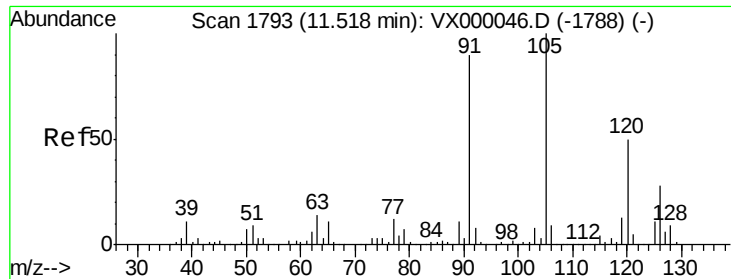
MMDadoda
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 1.66 ug/l m
 RT: 11.09 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion: 75 Resp: 1047
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.3 105.5#
 89 2.1 48.6 72.8#





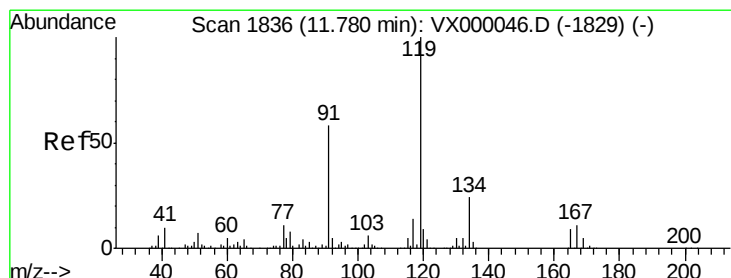
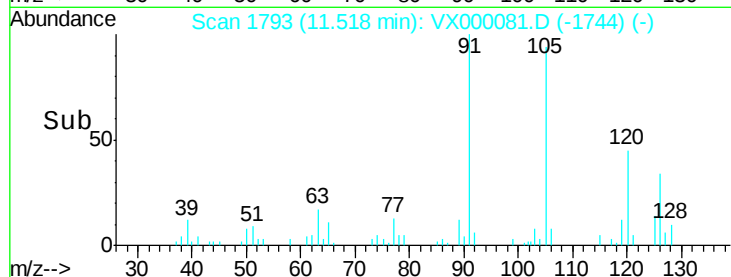
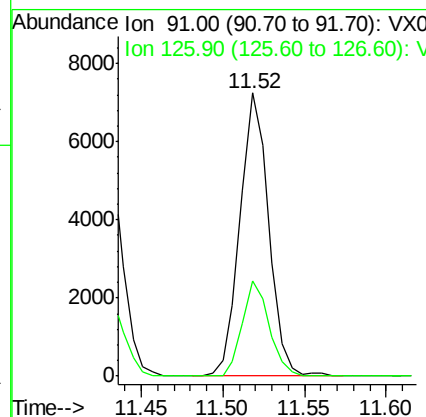
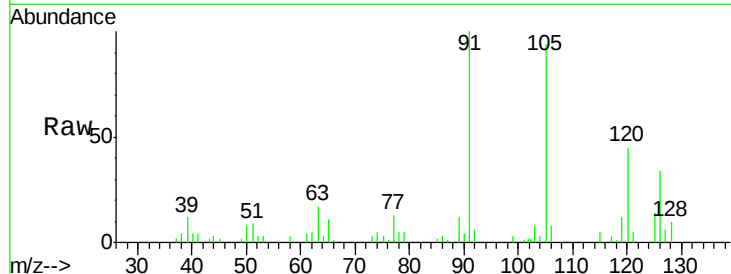
#82
4-Chlorotoluene
Concen: 2.11 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion: 91 Resp: 8920
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

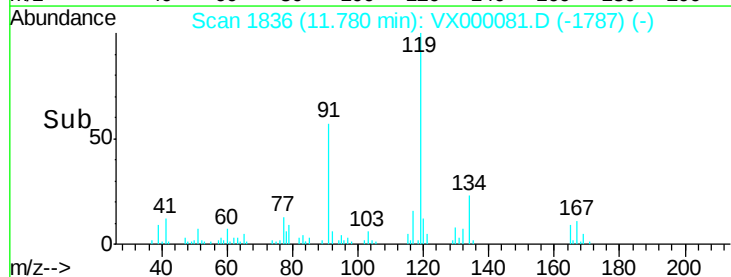
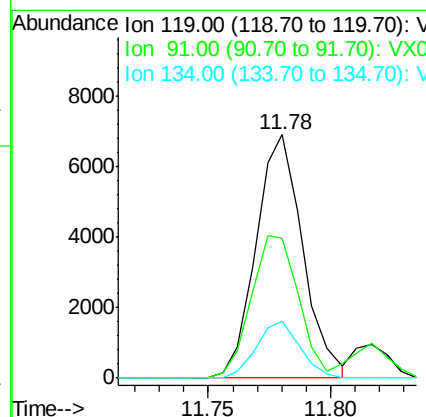
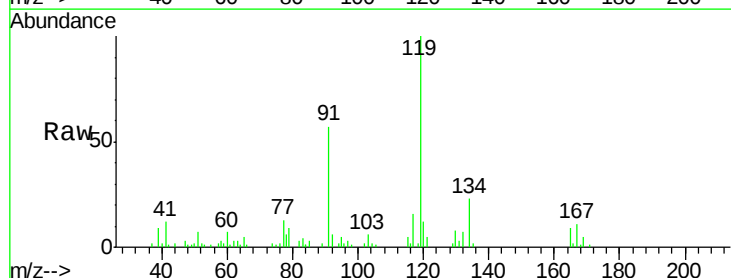
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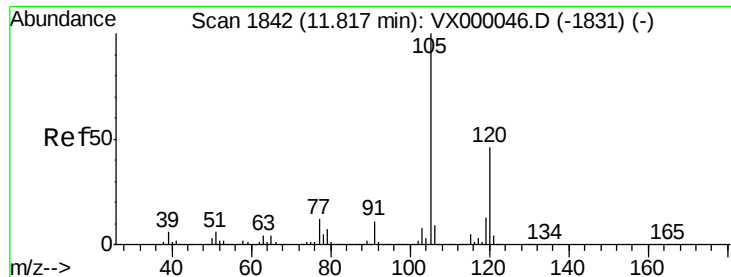
MMDadoda
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#83
tert-Butylbenzene
Concen: 2.06 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion: 119 Resp: 9199
Ion Ratio Lower Upper
119 100
91 59.3 27.9 83.7
134 21.5 11.7 35.1





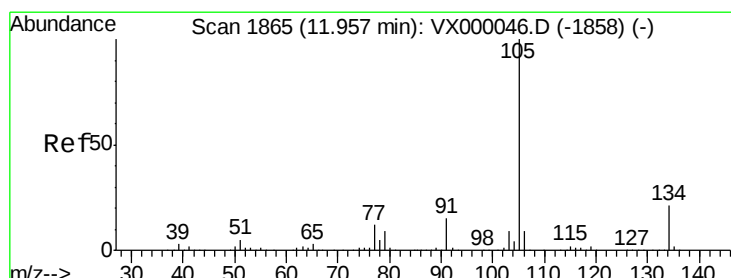
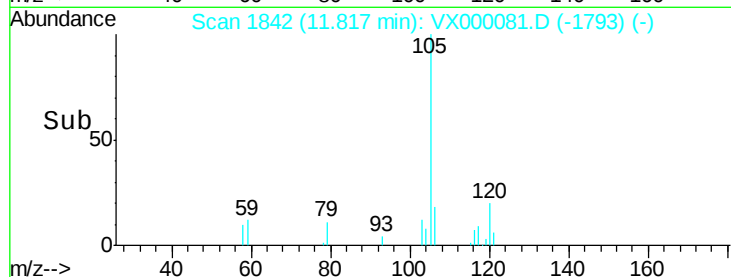
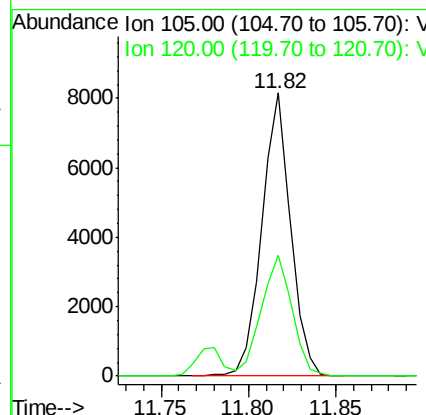
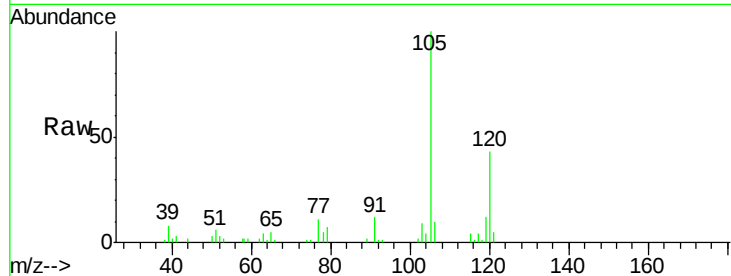
#84
 1,2,4-Trimethylbenzene
 Concen: 2.06 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion:105 Resp: 9332
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.4 70.2

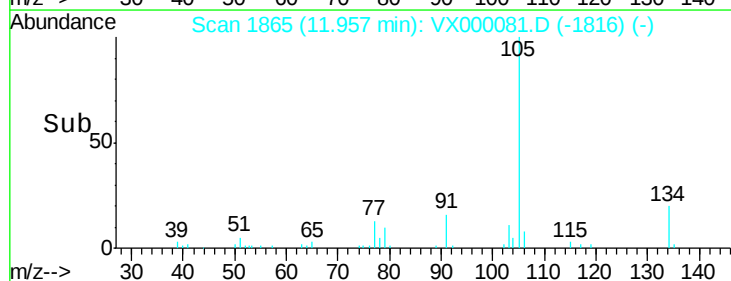
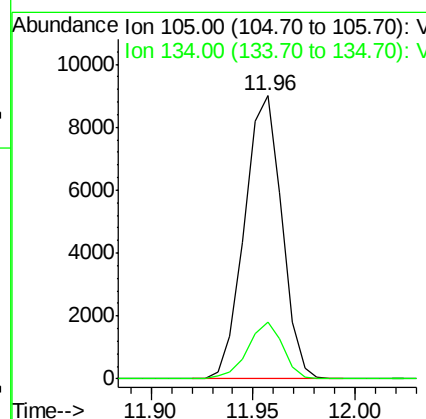
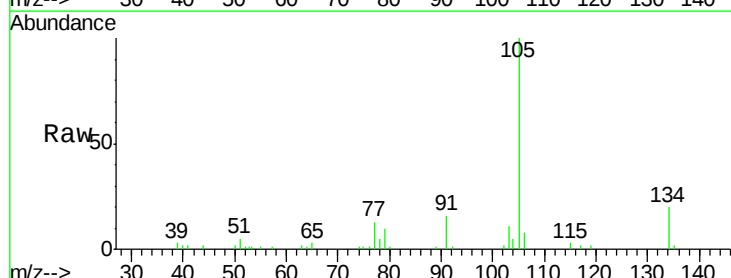
Manual Integrations
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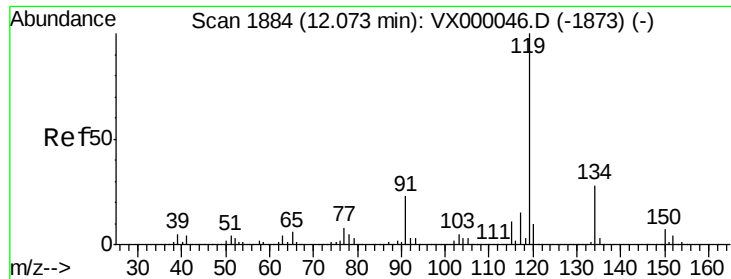
MMDadoda
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#85
 sec-Butylbenzene
 Concen: 2.07 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion:105 Resp: 11388
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.6 31.8





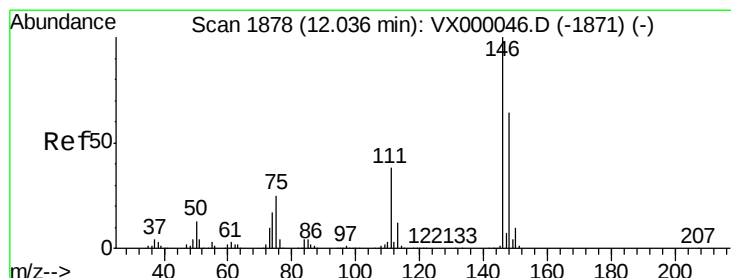
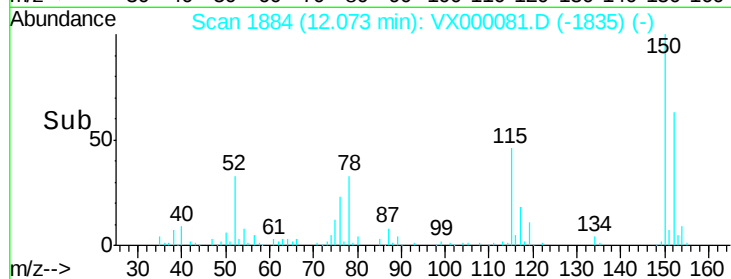
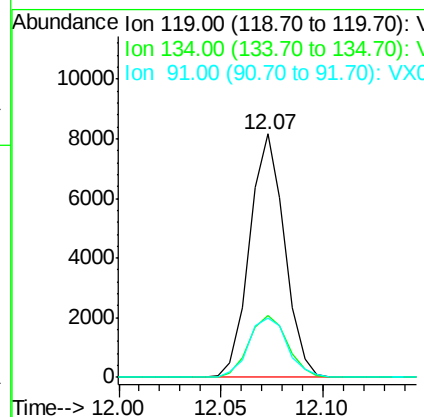
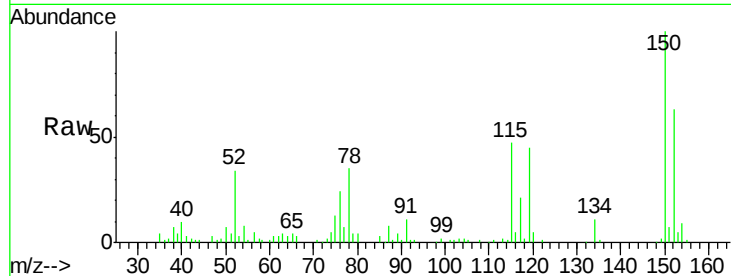
#86
 p-Isopropyltoluene
 Concen: 1.97 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
119	100	9712		
134	27.9	14.0	41.9	
91	27.3	11.6	34.7	

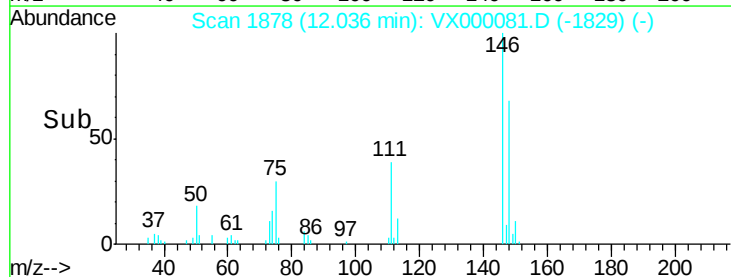
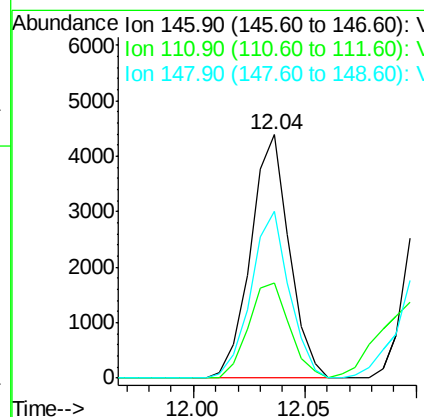
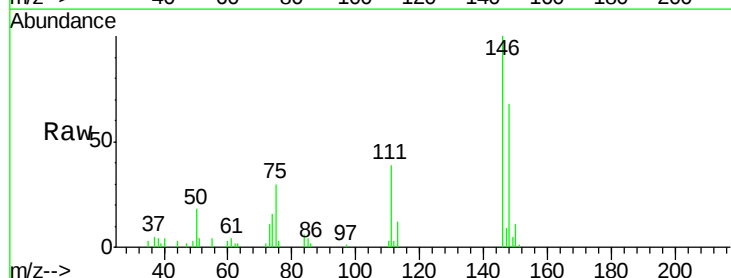
Manual Integrations
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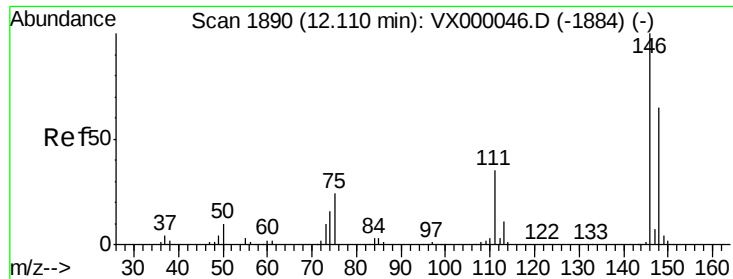
MMDadoda
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#87
 1,3-Dichlorobenzene
 Concen: 1.96 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	5297		
111	41.5	18.9	56.9	
148	68.0	31.8	95.4	





#88

1,4-Dichlorobenzene

Concen: 2.07 ug/l

RT: 12.11 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

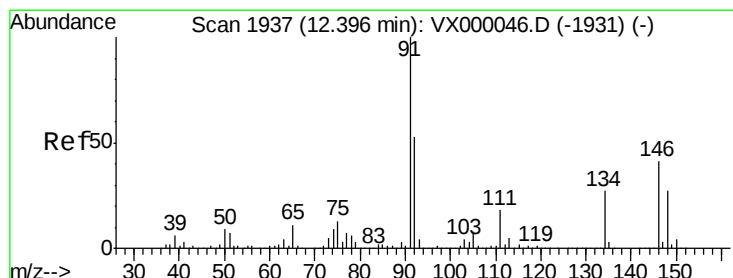
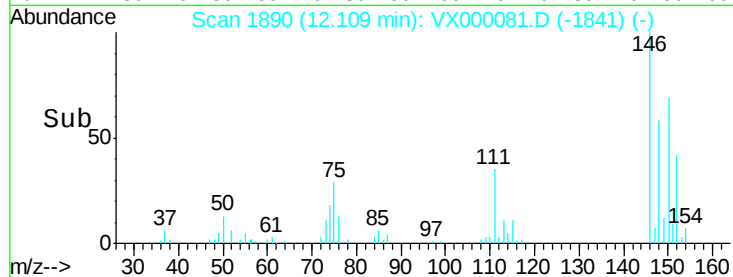
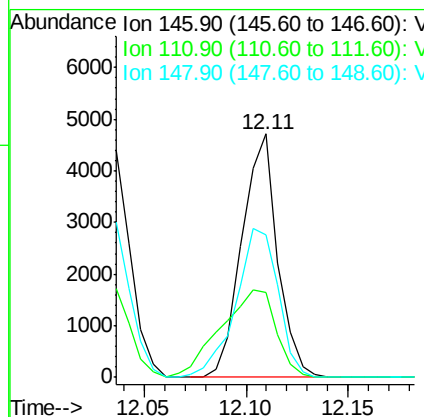
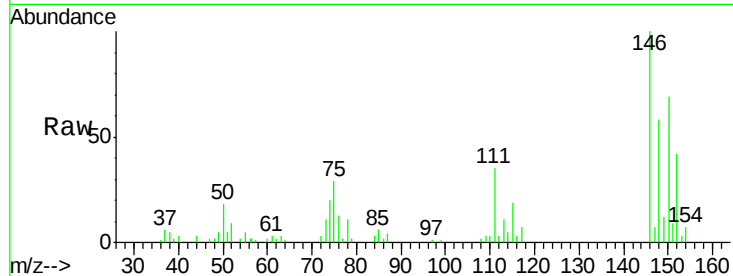
ClientSampled :

MDL06 2.00PPB

Tot Ion:	146	Resp:	5704
Ion	Ratio	Lower	Upper
146	100		
111	55.8	18.7	56.1
148	72.8	32.1	96.5

Manual Integrations
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#89

n-Butylbenzene

Concen: 2.02 ug/l

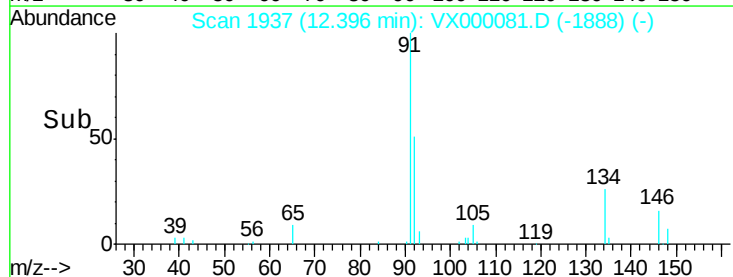
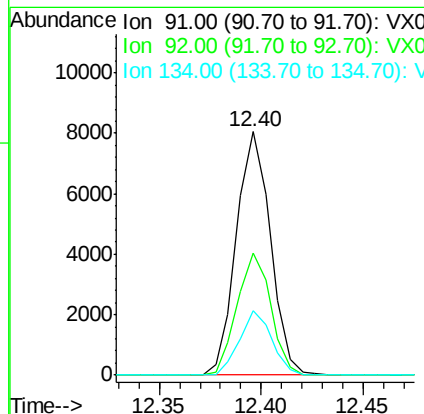
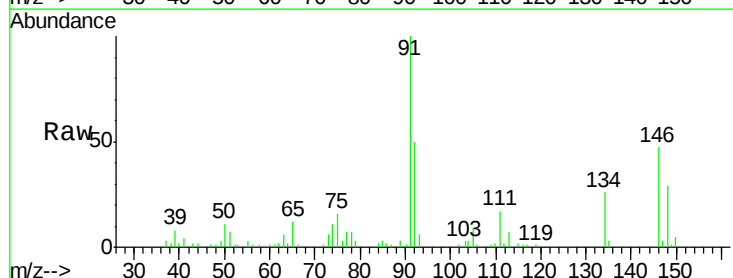
RT: 12.40 min Scan# 1937

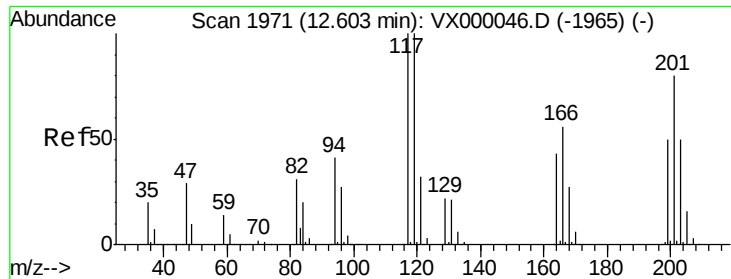
Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Tgt Ion:	91	Resp:	9336
Ion	Ratio	Lower	Upper
91	100		
92	49.3	26.1	78.2
134	24.8	14.1	42.2





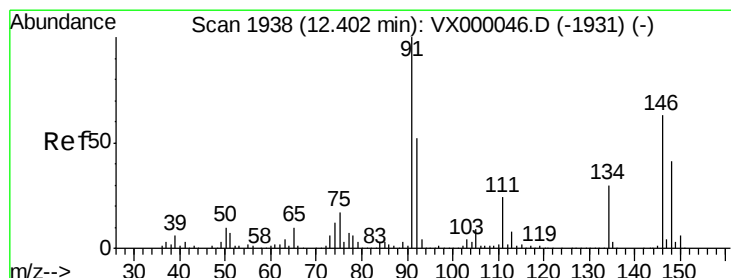
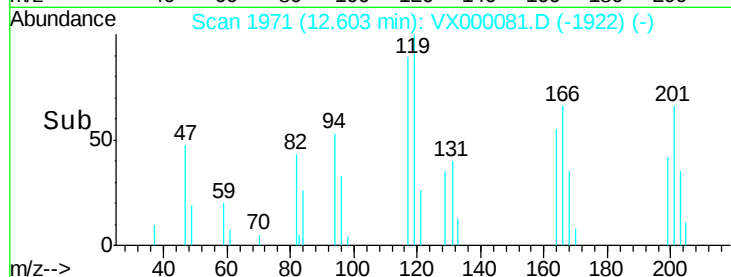
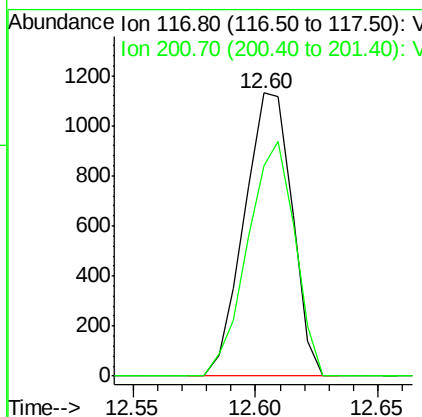
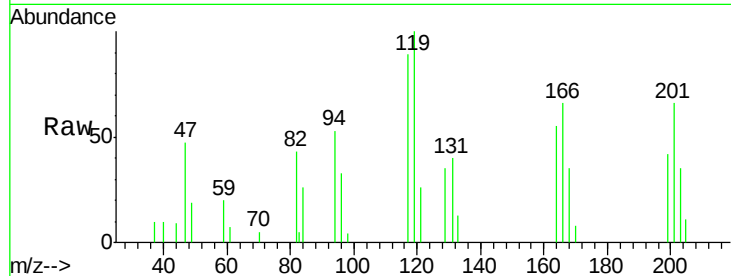
#90
Hexachloroethane
Concen: 1.79 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Instrument :
ClientSampled :
MDL06 2.00PPB

Tot Ion:117 Resp: 1545
Ion Ratio Lower Upper
117 100
201 81.8 43.5 130.7

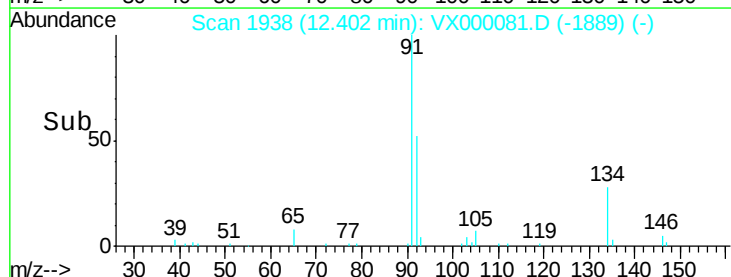
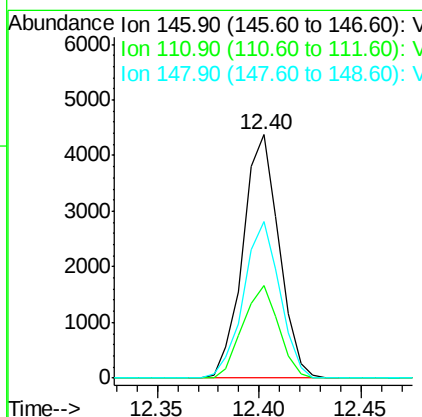
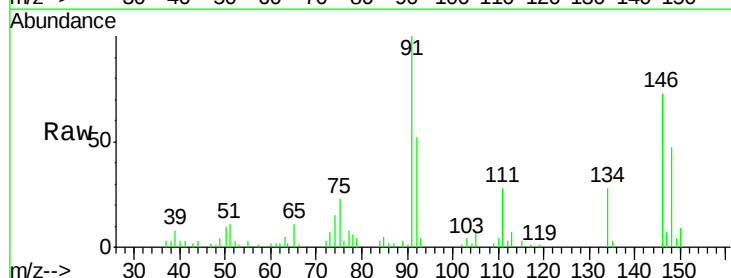
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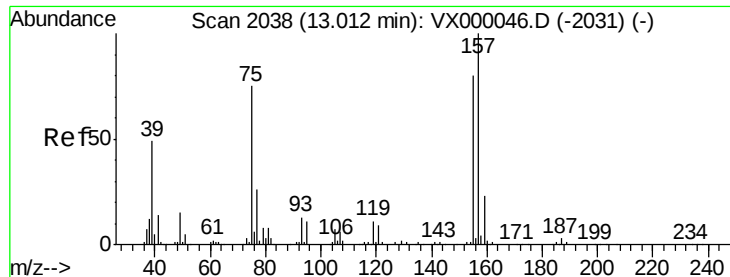
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#91
1,2-Dichlorobenzene
Concen: 2.04 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000081.D
Acq: 13 Feb 2018 17:47

Tgt Ion:146 Resp: 5381
Ion Ratio Lower Upper
146 100
111 37.7 19.4 58.2
148 64.8 32.0 96.2





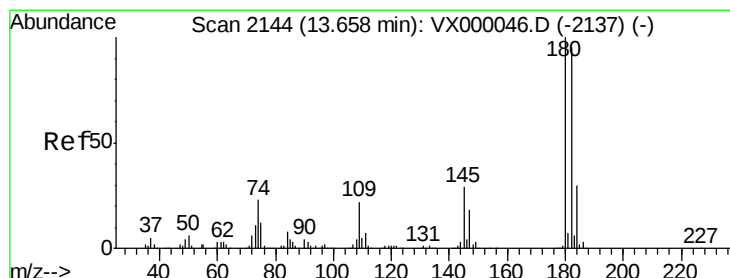
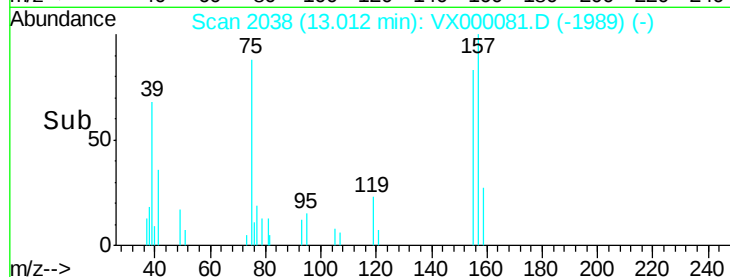
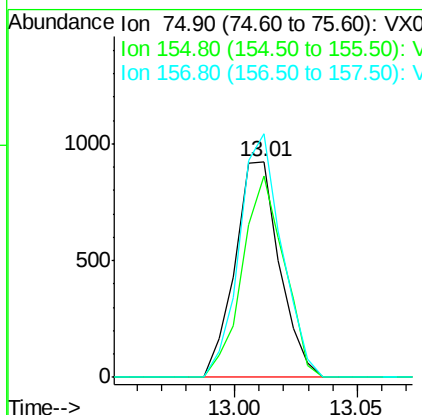
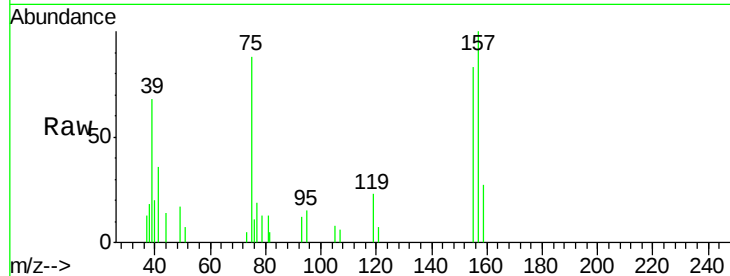
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.29 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion: 75 Resp: 1176
 Ion Ratio Lower Upper
 75 100
 155 87.8 52.0 156.0
 157 107.2 65.3 195.9

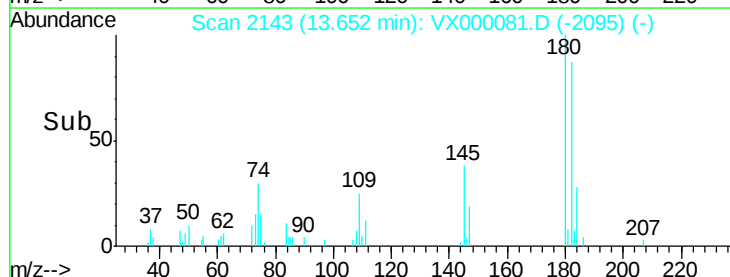
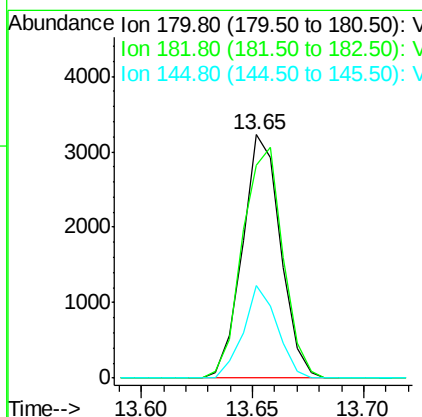
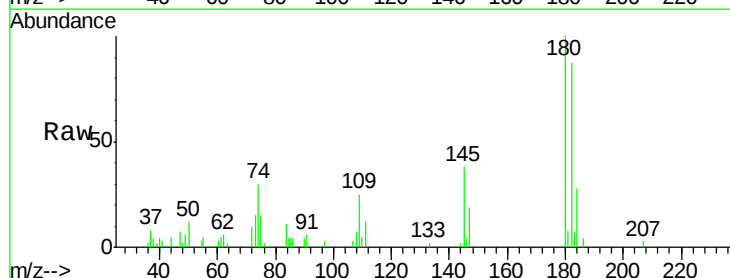
Manual Integrations
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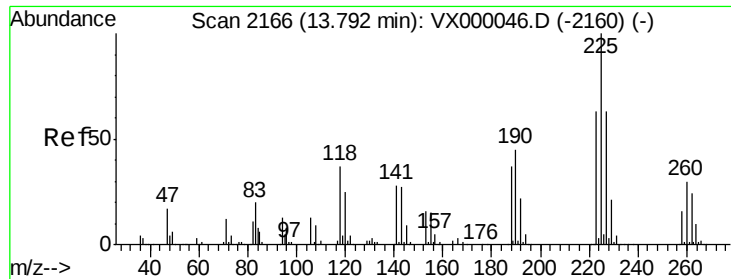
MMDadoda
 2/16/2018 2:28:05 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 1.92 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Tgt Ion:180 Resp: 3864
 Ion Ratio Lower Upper
 180 100
 182 100.4 48.0 144.0
 145 33.6 14.7 44.1





#94

Hexachlorobutadiene

Concen: 1.88 ug/l

RT: 13.79 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VX000081.D

Acq: 13 Feb 2018 17:47

Instrument :

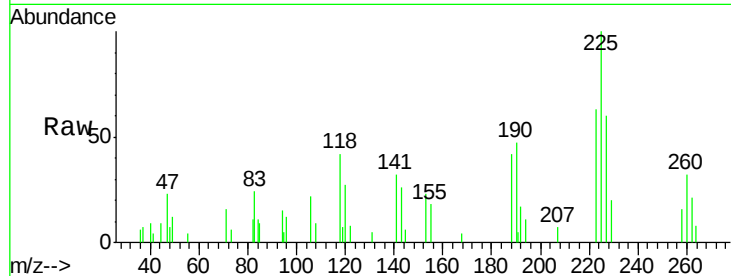
ClientSampled :

MDL06 2.00PPB

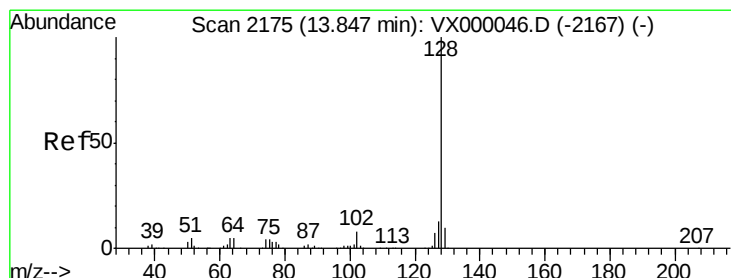
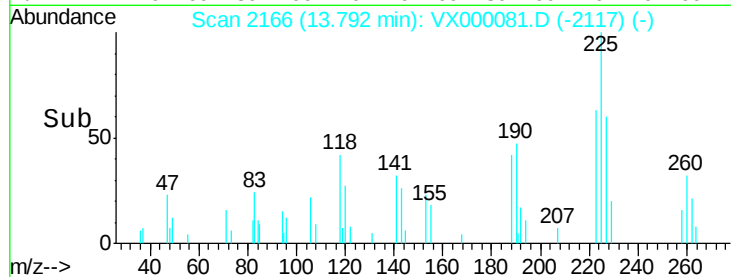
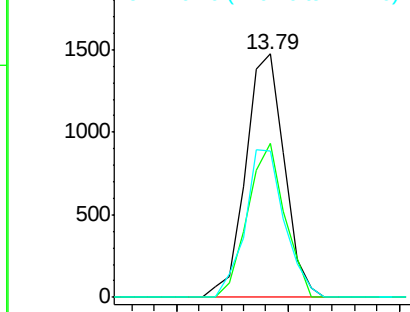
Tot Ion:	225	Resp:	1787
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.9	95.5
227	61.8	31.6	95.0

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



#95

Naphthalene

Concen: 2.06 ug/l

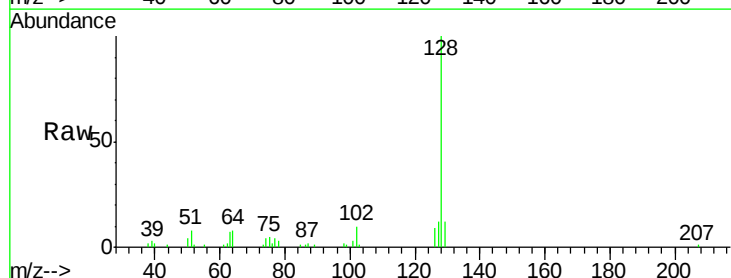
RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

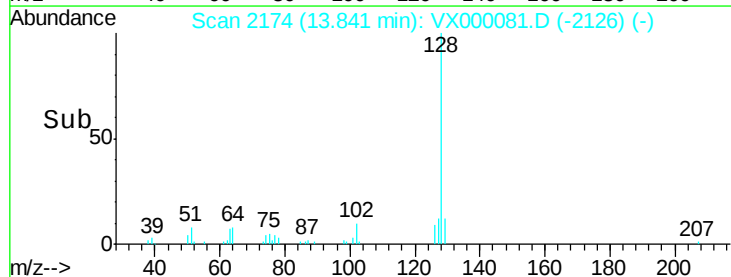
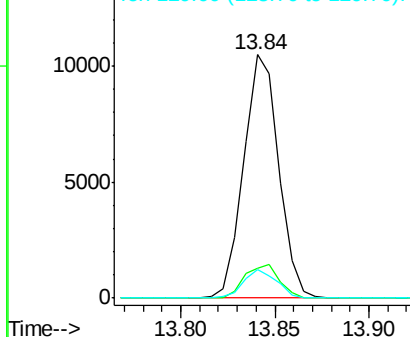
Lab File: VX000081.D

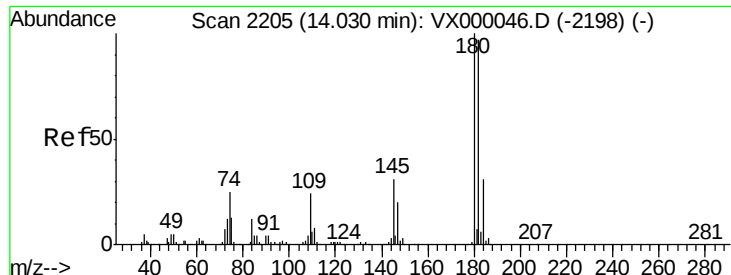
Acq: 13 Feb 2018 17:47

Tgt Ion:	128	Resp:	13491
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	11.3	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





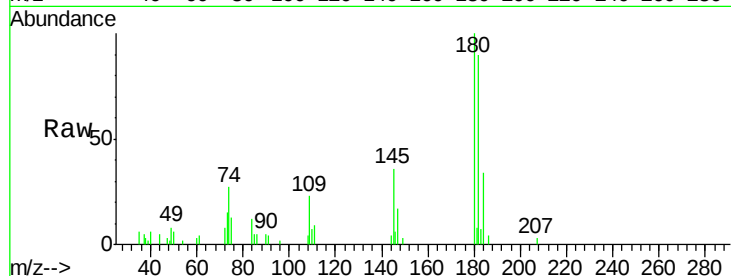
#96
 1,2,3-Trichlorobenzene
 Concen: 2.12 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VX000081.D
 Acq: 13 Feb 2018 17:47

Instrument :
 ClientSampled :
 MDL06 2.00PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.7	47.9	143.7
145	33.6	15.7	47.0

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:05 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

