

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000084.D
 Acq On : 13 Feb 2018 19:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:09 PM

Quant Time: Feb 14 03:06:45 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	110360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	179780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	176178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	102658	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	61009	52.91	ug/l	0.00
Spiked Amount						
			Recovery	=	105.82%	
35) Dibromofluoromethane	5.52	113	53058	50.55	ug/l	0.00
Spiked Amount						
			Recovery	=	101.10%	
50) Toluene-d8	8.73	98	196654	50.34	ug/l	0.00
Spiked Amount						
			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	11.15	95	80431	50.63	ug/l	0.00
Spiked Amount						
			Recovery	=	101.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	48581	48.58	ug/l	96
3) Chloromethane	1.32	50	50818	49.91	ug/l	98
4) Vinyl Chloride	1.41	62	59125	51.52	ug/l	98
5) Bromomethane	1.64	94	47798	77.98	ug/l	99
6) Chloroethane	1.72	64	38132	55.27	ug/l	99
7) Trichlorofluoromethane	1.93	101	104827	52.42	ug/l	98
8) Diethyl Ether	2.20	74	36842	50.89	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57376	50.79	ug/l	98
10) Methyl Iodide	2.51	142	67425	49.18	ug/l	100
11) Tert butyl alcohol	3.09	59	135296	293.23	ug/l	100
12) 1,1-Dichloroethene	2.38	96	54352	50.76	ug/l	99
13) Acrolein	2.30	56	46465	196.20	ug/l	96
14) Allyl chloride	2.73	41	95700	51.30	ug/l	98
15) Acrylonitrile	3.16	53	225576	280.61	ug/l	99
16) Acetone	2.45	43	213462	312.69	ug/l	97
17) Carbon Disulfide	2.57	76	151086	48.43	ug/l	99
18) Methyl Acetate	2.79	43	106263	61.73	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	192760	52.60	ug/l	98
20) Methylene Chloride	2.86	84	59021	51.64	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	59148	51.32	ug/l	96
22) Diisopropyl ether	3.89	45	157899	51.25	ug/l	99
23) Vinyl Acetate	3.84	43	741575	266.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	97509	50.92	ug/l	98
25) 2-Butanone	4.72	43	313584	304.36	ug/l	96
26) 2,2-Dichloropropane	4.60	77	83530	50.90	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	58505	51.80	ug/l	97
28) Bromochloromethane	5.04	49	32369	50.97	ug/l	95
29) Tetrahydrofuran	5.18	42	204631	289.84	ug/l	99
30) Chloroform	5.23	83	104557	54.16	ug/l	96
31) Cyclohexane	5.59	56	79919	50.80	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	95459	52.54	ug/l	98
36) 1,1-Dichloropropene	5.81	75	76798	49.06	ug/l	99
37) Ethyl Acetate	4.88	43	106137	52.51	ug/l	99
38) Carbon Tetrachloride	5.79	117	87183	49.60	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93883	49.40	ug/l	98
40) Benzene	6.16	78	224373	50.72	ug/l	99
41) Methacrylonitrile	5.07	41	54713	52.70	ug/l	100
42) 1,2-Dichloroethane	6.21	62	83179	52.63	ug/l	99
43) Isopropyl Acetate	6.48	43	157753	51.76	ug/l	99
44) Trichloroethene	7.22	130	67074	49.00	ug/l	100
45) 1,2-Dichloropropane	7.53	63	56331	52.37	ug/l	97
46) Dibromomethane	7.67	93	43176	52.01	ug/l	95
47) Bromodichloromethane	7.91	83	82913	51.36	ug/l	97
48) Methyl methacrylate	7.79	41	76457	51.11	ug/l	98
49) 1,4-Dioxane	7.77	88	42729	1072.32	ug/l	99
51) 4-Methyl-2-Pentanone	8.67	43	599897	282.49	ug/l	98
52) Toluene	8.79	92	155132	52.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	97462	51.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	97299	53.01	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	64095	51.43	ug/l	98
56) Ethyl methacrylate	9.19	69	101472	53.08	ug/l	98
57) 1,3-Dichloropropane	9.38	76	102376	52.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	245487	259.98	ug/l	100
59) 2-Hexanone	9.51	43	505111	292.45	ug/l	99
60) Dibromochloromethane	9.59	129	75385	52.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	72256	52.64	ug/l	98
64) Tetrachloroethene	9.34	164	64530	49.20	ug/l	97
65) Chlorobenzene	10.15	112	184000	50.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67789	51.49	ug/l	99
67) Ethyl Benzene	10.26	91	307288	50.63	ug/l	100
68) m/p-Xylenes	10.37	106	245740	101.65	ug/l	99
69) o-Xylene	10.71	106	119112	51.04	ug/l	100
70) Styrene	10.72	104	201973	51.24	ug/l	99
71) Bromoform	10.87	173	64654	51.90	ug/l #	98
73) Isopropylbenzene	11.02	105	318081	48.83	ug/l	100
74) N-amyl acetate	6.48	43	157753	48.39	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	111292	50.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	100688m	52.08	ug/l	
77) Bromobenzene	11.26	156	88088	49.84	ug/l	99
78) n-propylbenzene	11.37	91	373641	49.47	ug/l	100
79) 2-Chlorotoluene	11.43	91	214369	49.09	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	271146	49.69	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	39670	50.77	ug/l	93
82) 4-Chlorotoluene	11.52	91	257585	49.36	ug/l	99
83) tert-Butylbenzene	11.78	119	272824	49.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	276901	49.58	ug/l	100
85) sec-Butylbenzene	11.96	105	337406	49.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	299861	49.15	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	164587	49.43	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	169293	49.68	ug/l	99
89) n-Butylbenzene	12.40	91	276453	48.51	ug/l	100
90) Hexachloroethane	12.60	117	53057	49.73	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	160841	49.37	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	32008	50.45	ug/l	97

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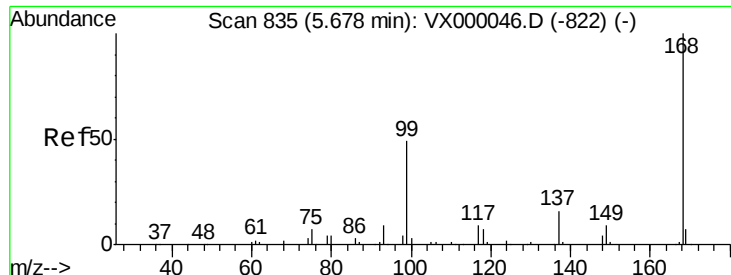
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	119173	47.82	ug/l	98
94) Hexachlorobutadiene	13.79	225	55778	47.45	ug/l	98
95) Naphthalene	13.84	128	406300	50.16	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	117508	48.46	ug/l	99

(#) = 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: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 110360

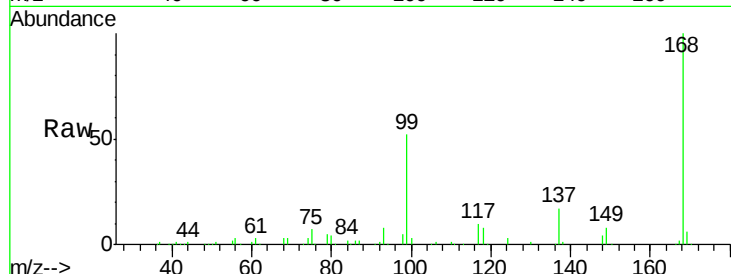
Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.2

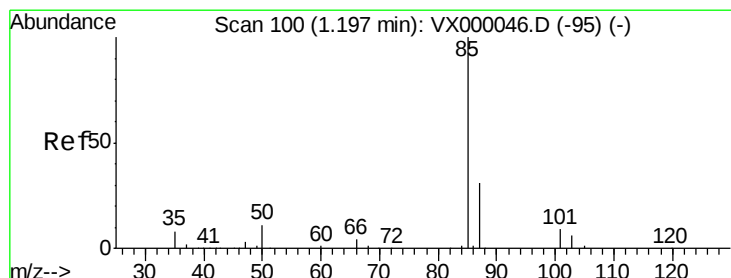
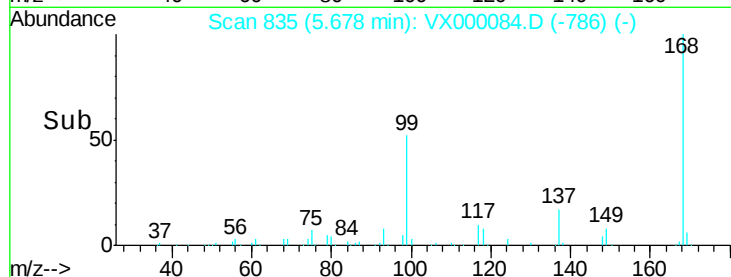
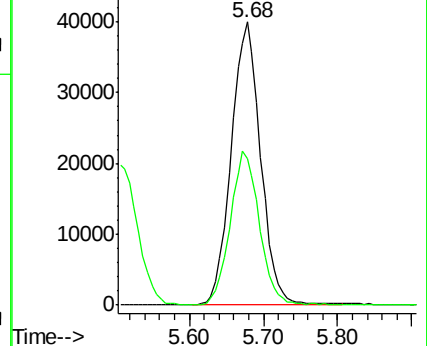
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.58 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000084.D

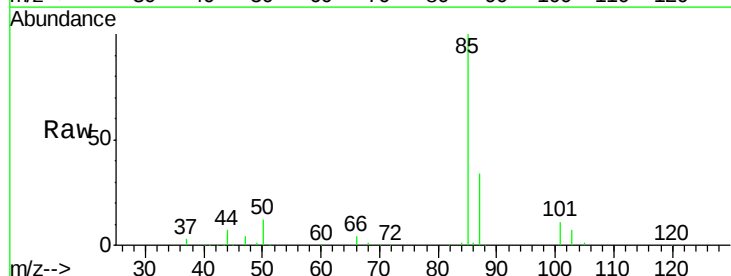
Acq: 13 Feb 2018 19:08

Tgt Ion: 85 Resp: 48581

Ion Ratio Lower Upper

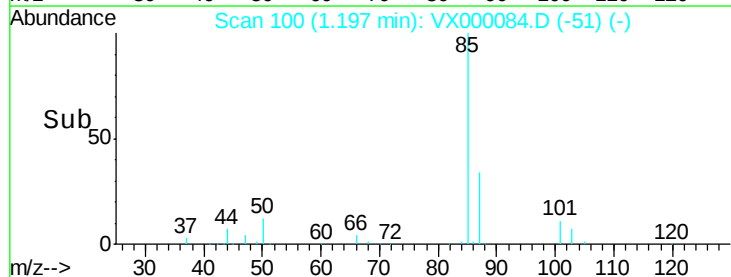
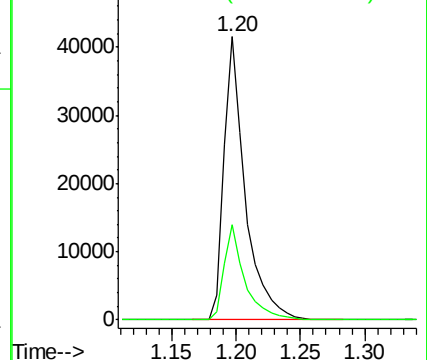
85 100

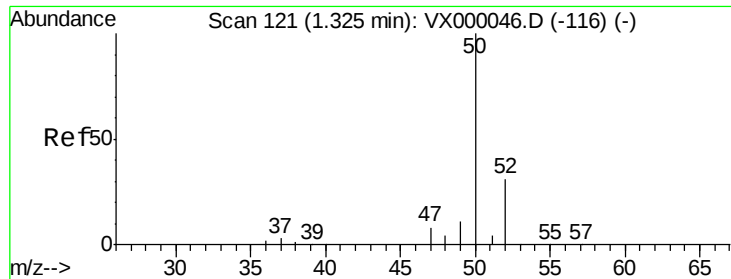
87 33.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 50 Resp: 50818

Ion Ratio Lower Upper

50 100

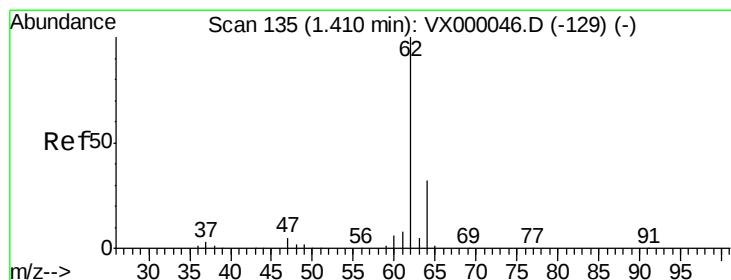
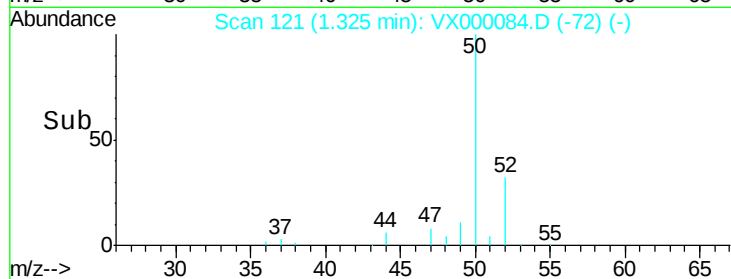
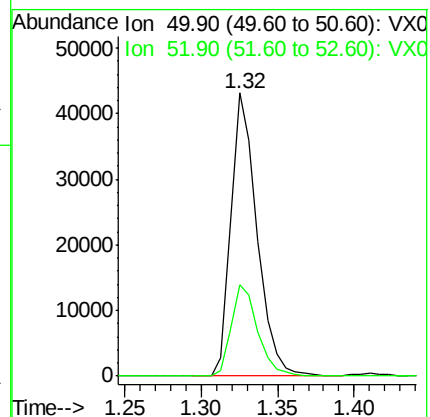
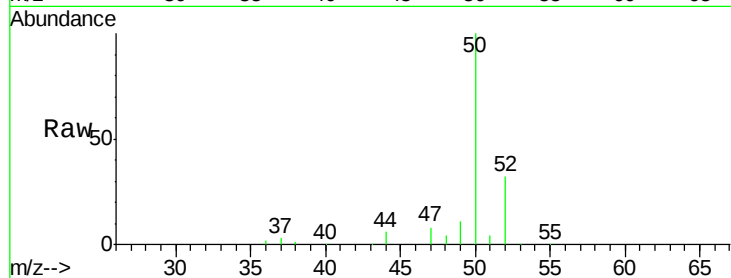
52 32.2 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.52 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000084.D

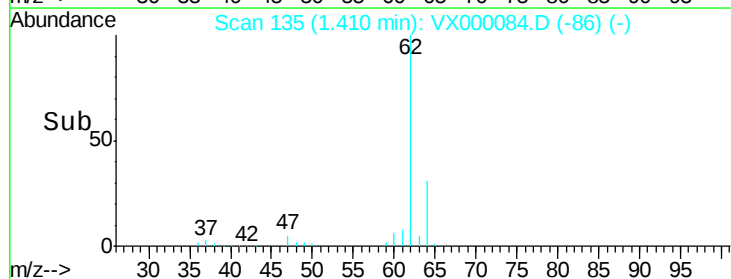
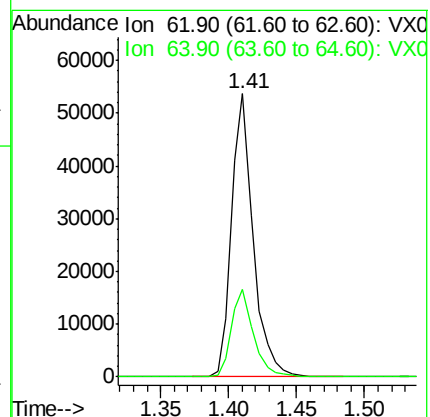
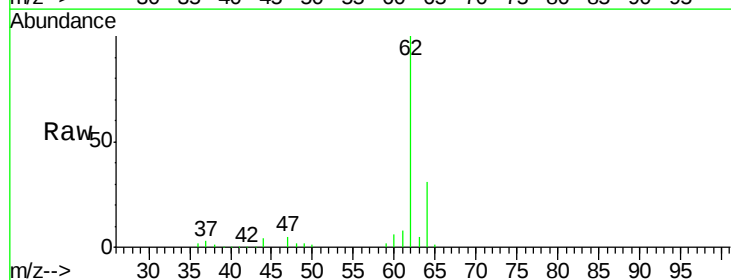
Acq: 13 Feb 2018 19:08

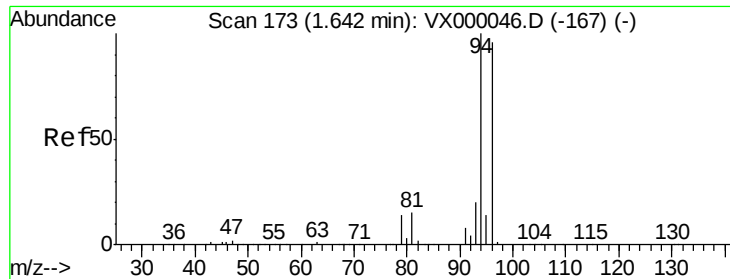
Tgt Ion: 62 Resp: 59125

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.0





#5

Bromomethane

Concen: 77.98 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 94 Resp: 47798

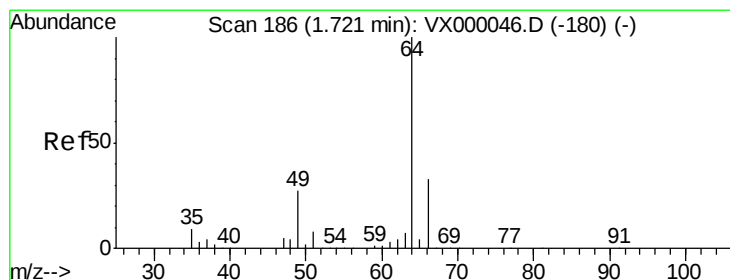
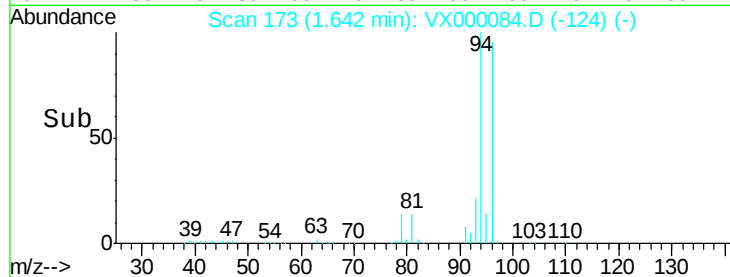
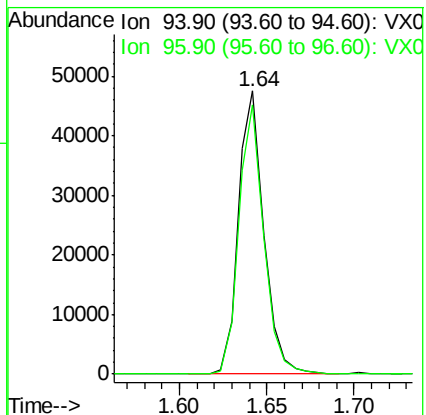
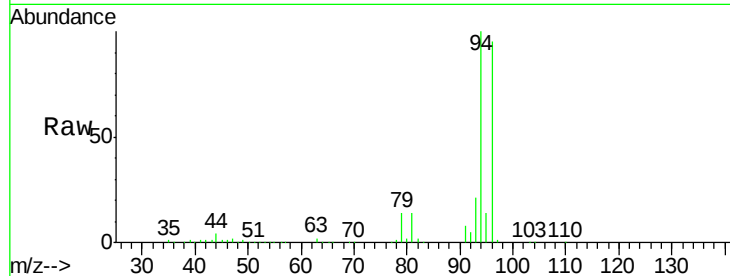
Ion Ratio Lower Upper

94 100

96 94.9 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 55.27 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX000084.D

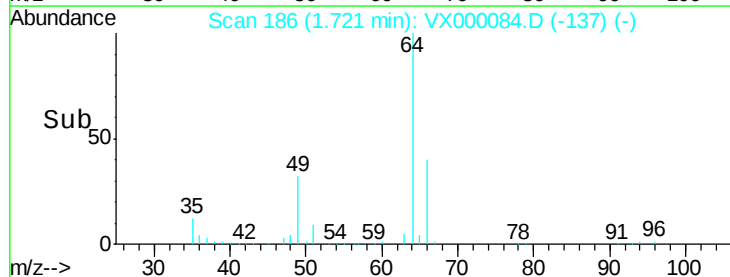
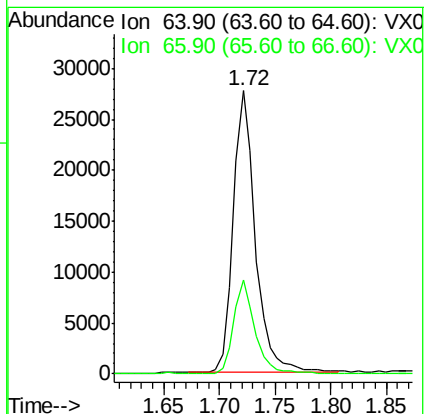
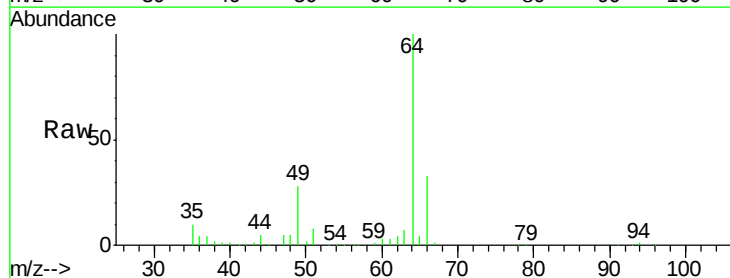
Acq: 13 Feb 2018 19:08

Tgt Ion: 64 Resp: 38132

Ion Ratio Lower Upper

64 100

66 33.3 26.4 39.6





#7

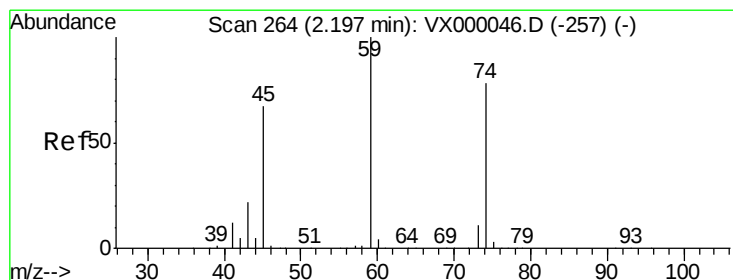
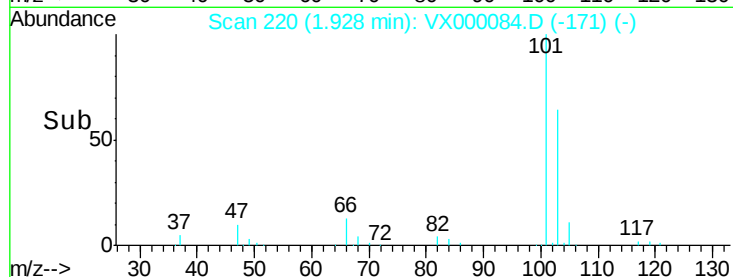
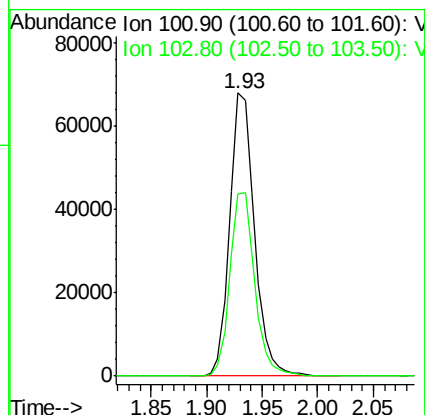
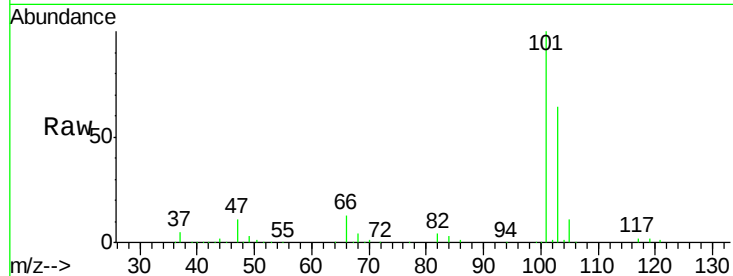
Trichlorofluoromethane
Concen: 52.42 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion:101 Resp: 104827
Ion Ratio Lower Upper
101 100
103 64.2 52.3 78.5

Manual Integrations
APPROVED

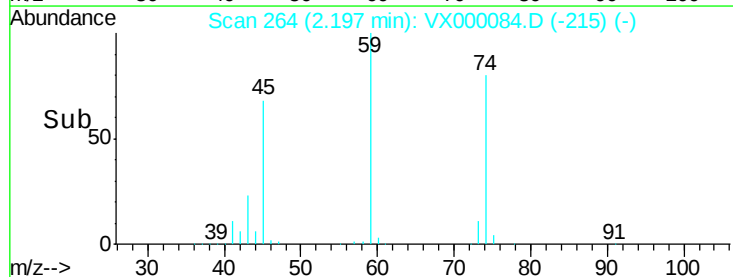
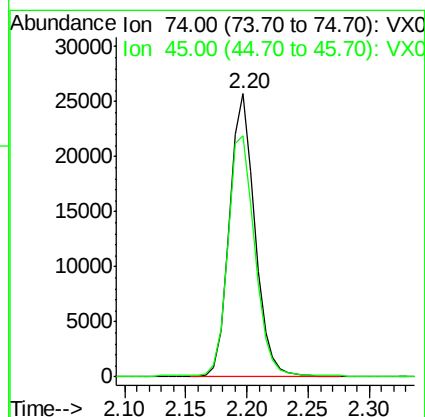
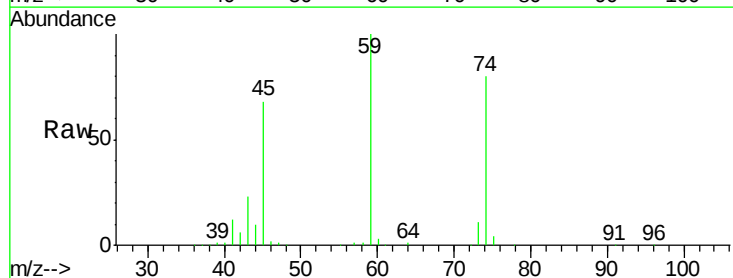
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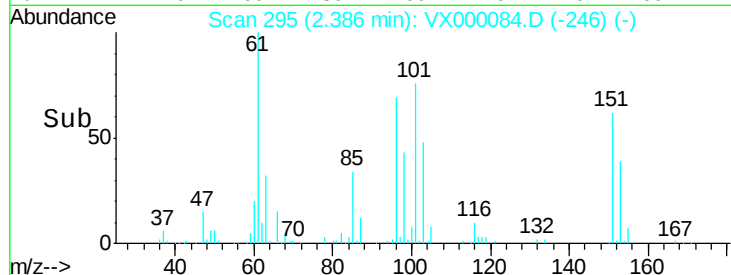
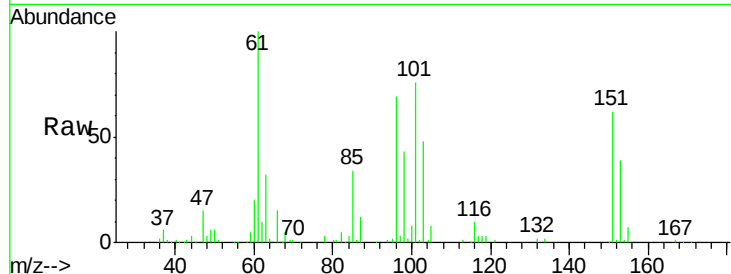
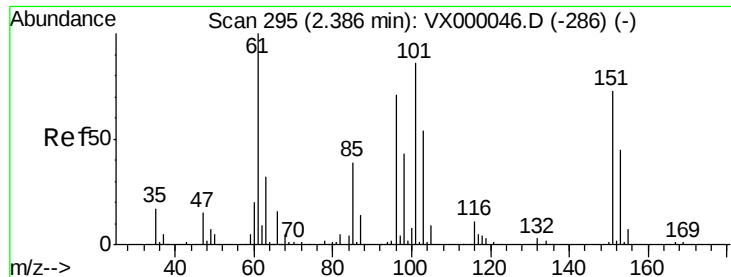


#8

Diethyl Ether
Concen: 50.89 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 74 Resp: 36842
Ion Ratio Lower Upper
74 100
45 91.9 44.3 132.8





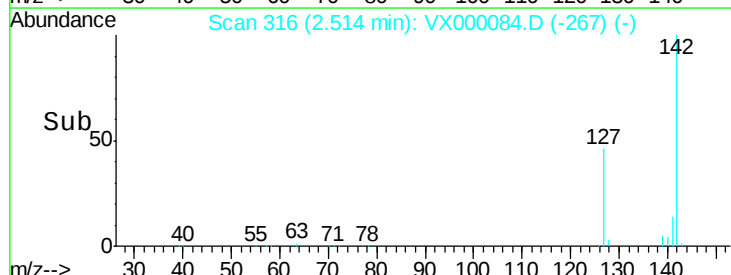
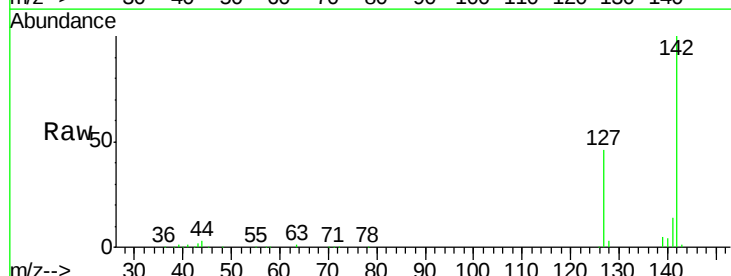
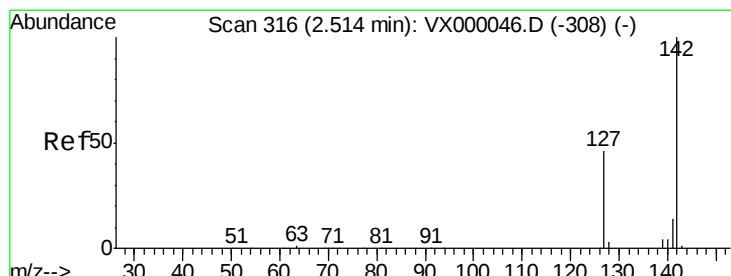
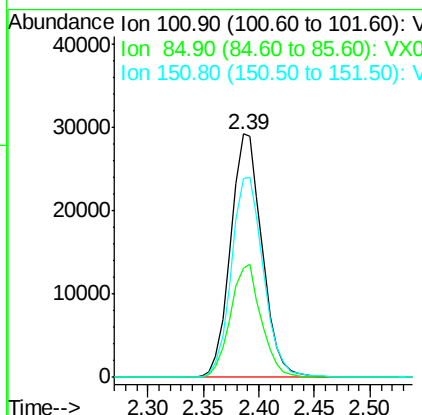
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.79 ug/l
RT: 2.39 min Scan# 295
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.5	36.6	54.8
151	83.6	68.8	103.2

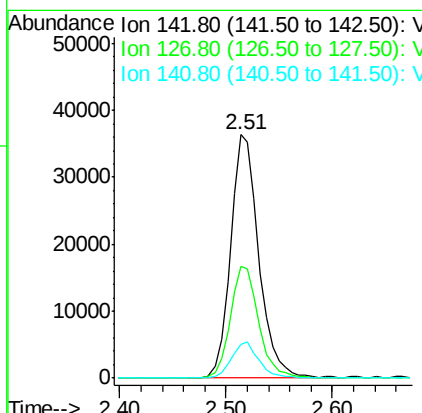
Manual Integrations
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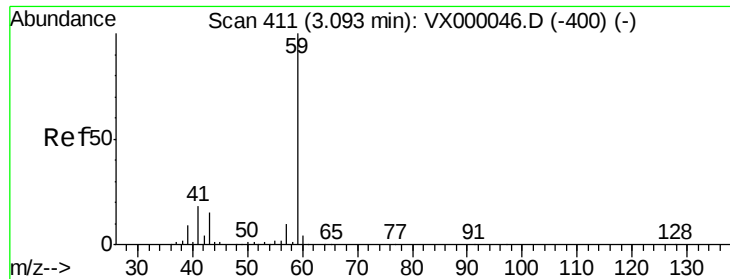
MMDadoda
2/16/2018 2:28:09 PM



#10
Methyl Iodide
Concen: 49.18 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.2	36.8	55.2
141	14.2	11.4	17.0





#11

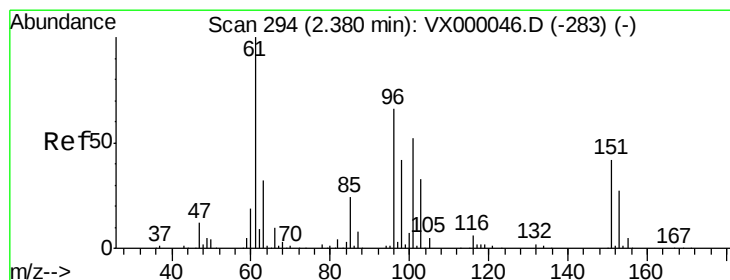
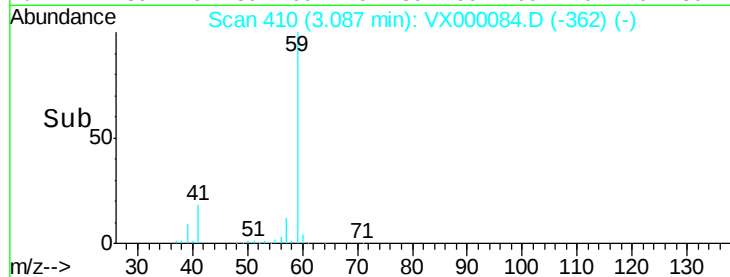
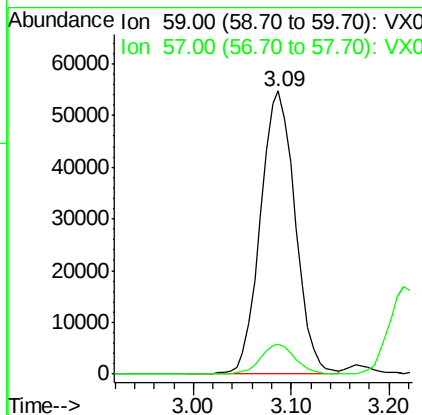
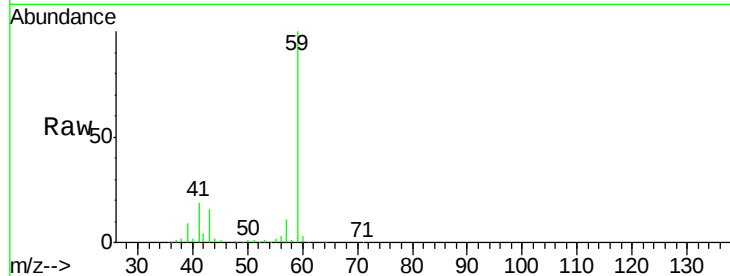
Tert butyl alcohol
Concen: 293.23 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.4	12.6

Manual Integrations
APPROVED

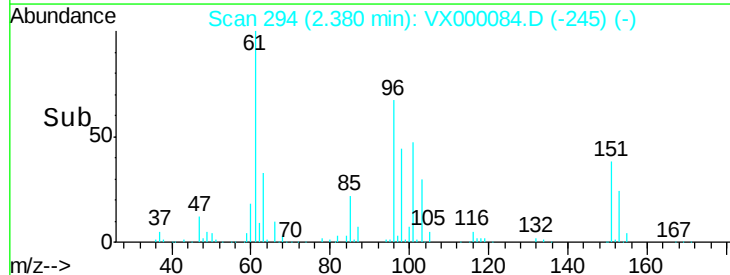
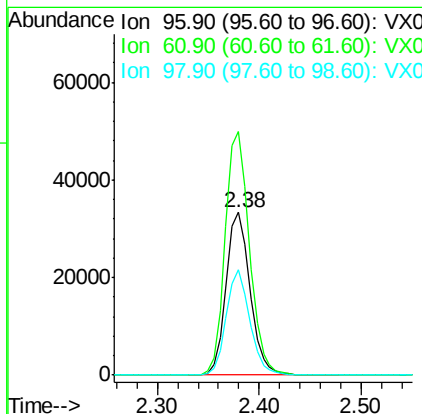
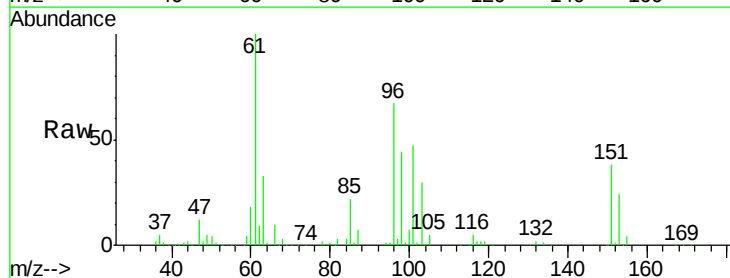
MMDadoda
2/16/2018 2:28:09 PM

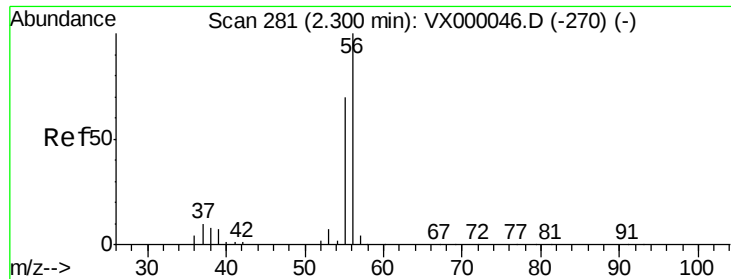


#12

1,1-Dichloroethene
Concen: 50.76 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.5	120.3	180.5
98	65.1	51.0	76.4





#13

Acrolein

Concen: 196.20 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 56 Resp: 46465

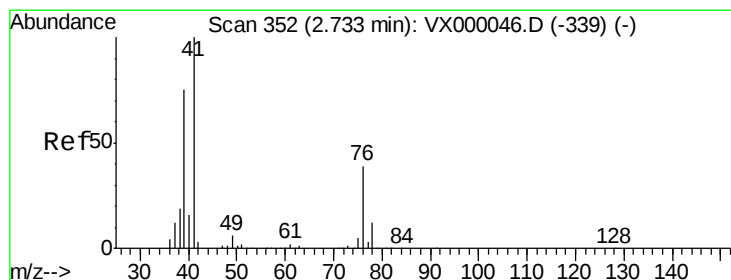
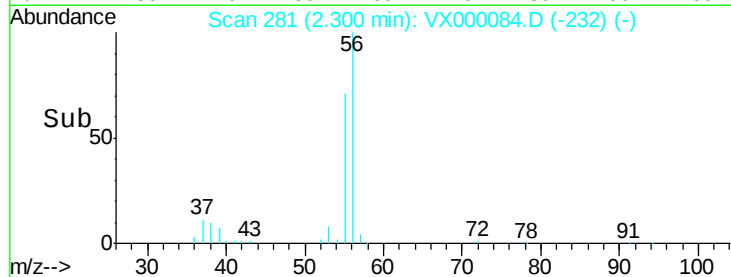
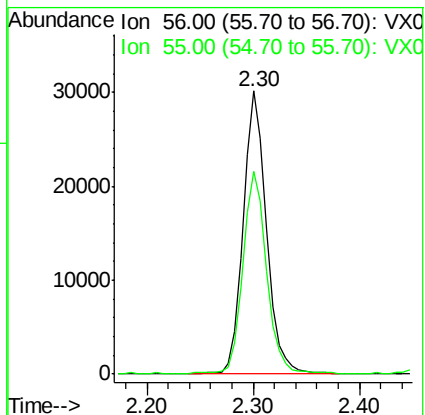
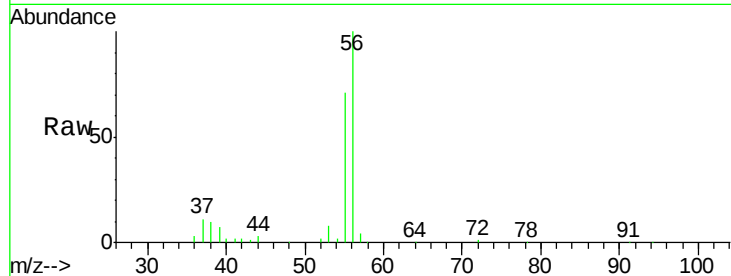
Ion Ratio Lower Upper

56 100

55 73.6 56.4 84.6

Manual Integrations
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2/16/2018 2:28:09 PM



#14

Allyl chloride

Concen: 51.30 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

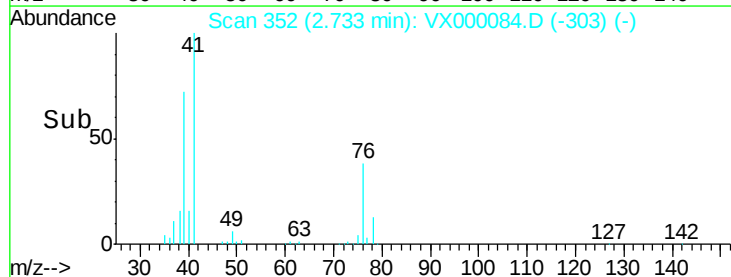
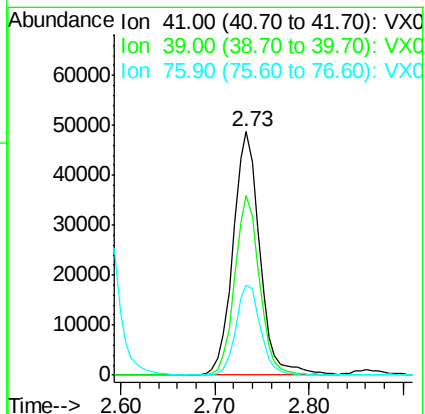
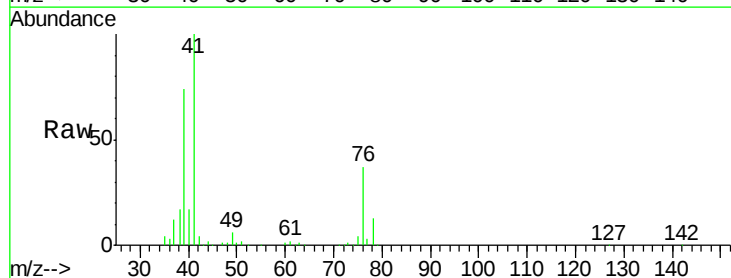
Tgt Ion: 41 Resp: 95700

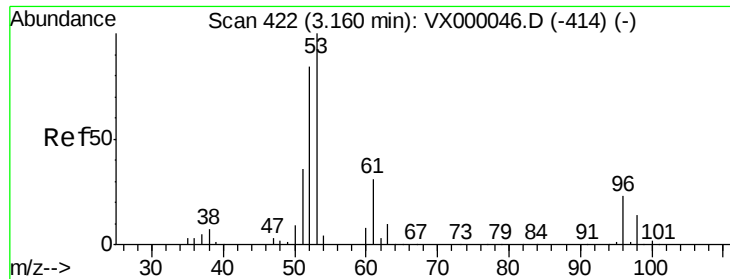
Ion Ratio Lower Upper

41 100

39 68.1 55.8 83.6

76 34.5 28.7 43.1





#15

Acrylonitrile

Concen: 280.61 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

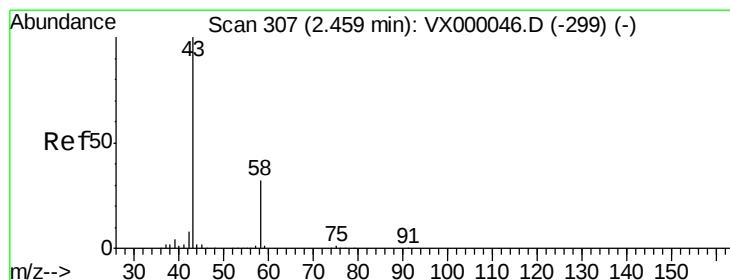
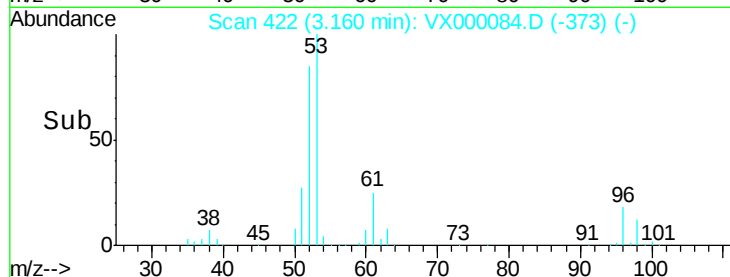
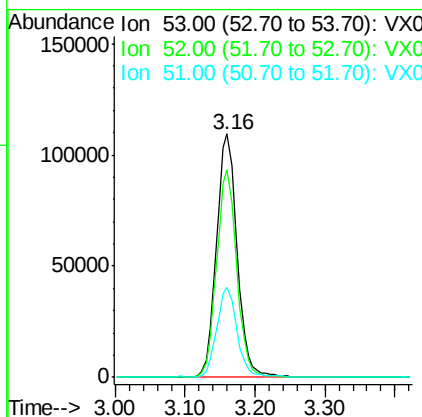
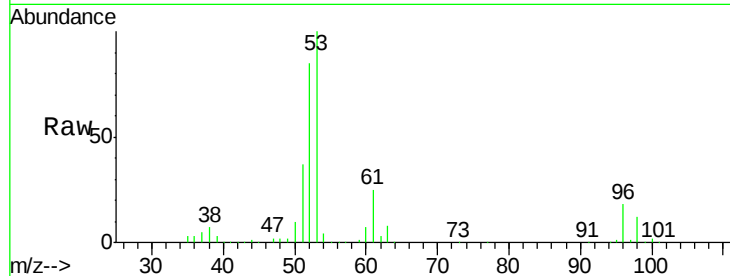
ClientSampled :

VSTDCCC050EC

Tot Ion:	53	Resp:	225576
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.5	99.7
51	36.8	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 312.69 ug/l

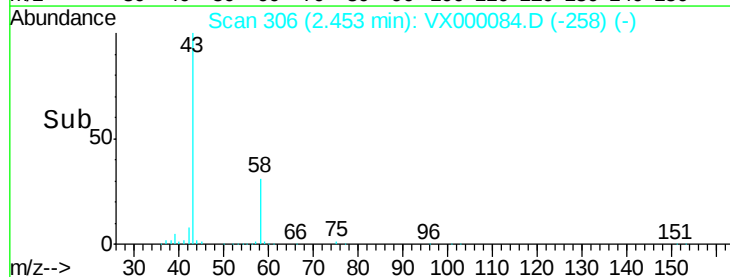
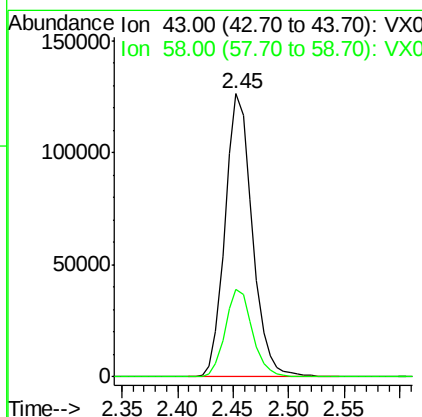
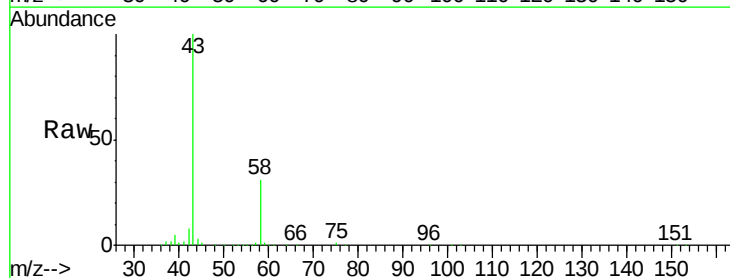
RT: 2.45 min Scan# 306

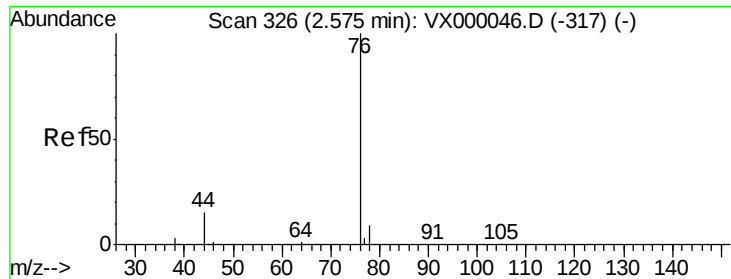
Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	43	Resp:	213462
Ion	Ratio	Lower	Upper
43	100		
58	31.0	25.9	38.9





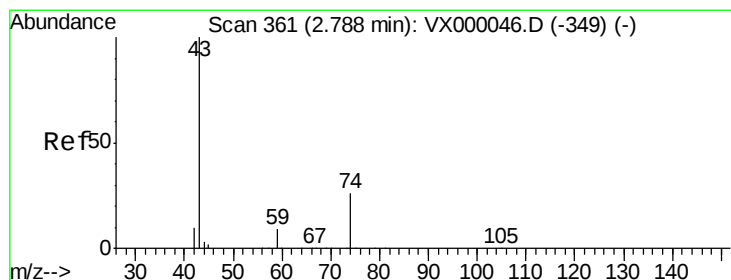
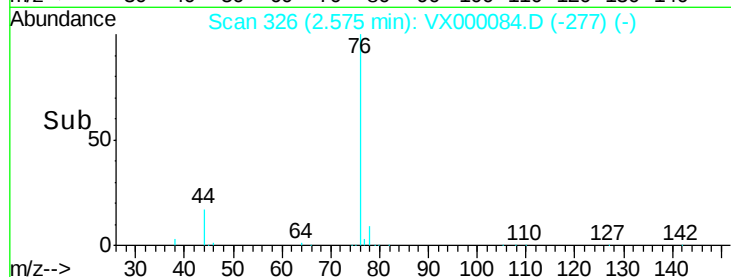
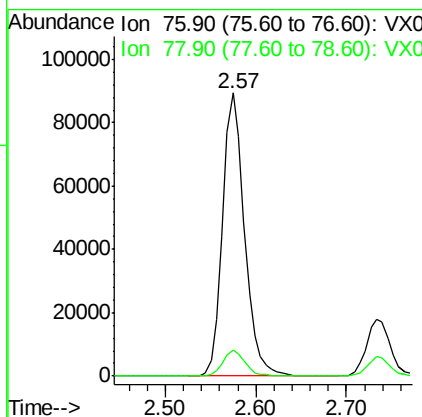
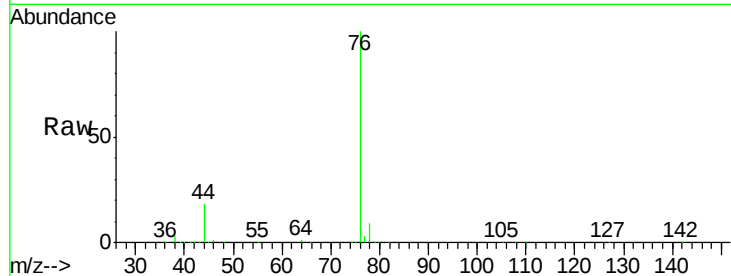
#17
Carbon Disulfide
Concen: 48.43 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

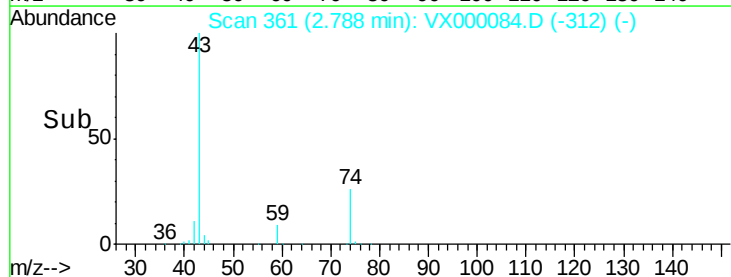
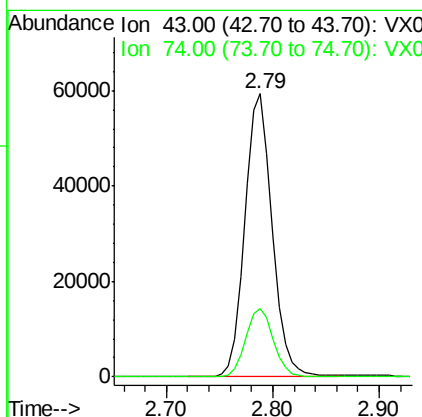
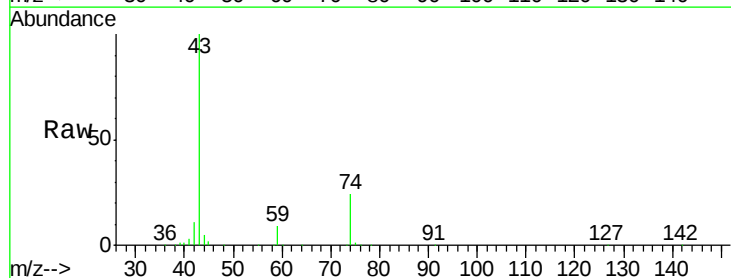
Manual Integrations
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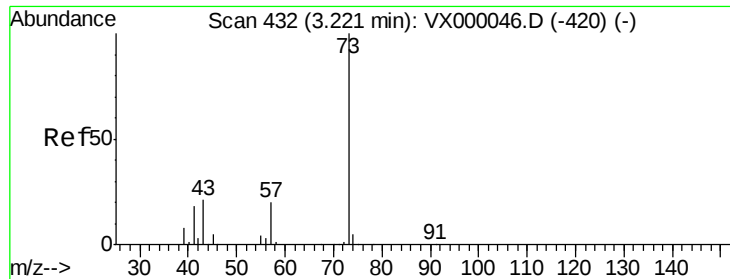
MMDadoda
2/16/2018 2:28:09 PM



#18
Methyl Acetate
Concen: 61.73 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.2	30.4





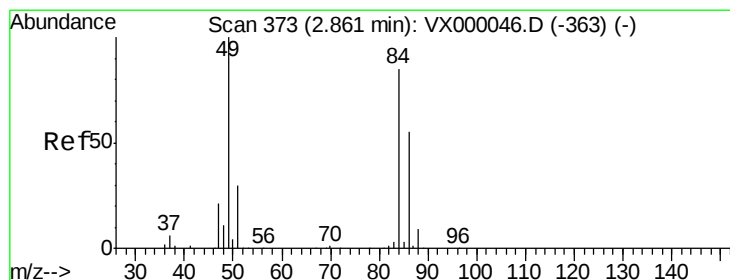
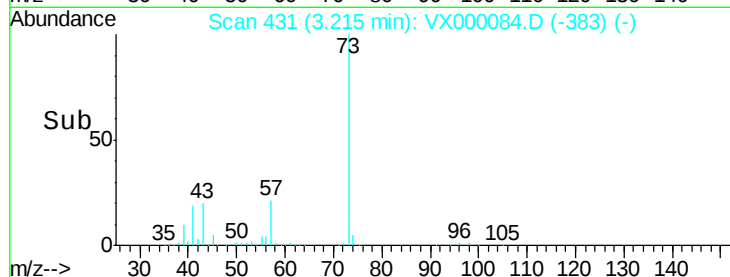
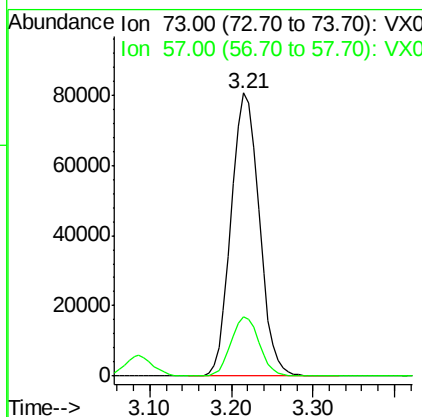
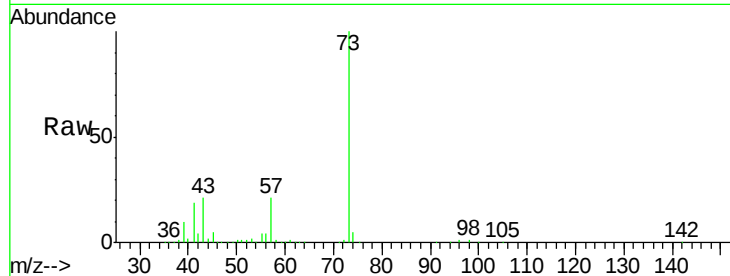
#19
Methvl tert-butvl Ether
Concen: 52.60 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 192760
Ion Ratio Lower Upper
73 100
57 21.1 16.2 24.4

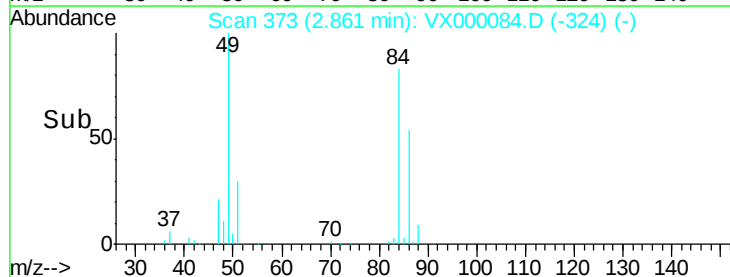
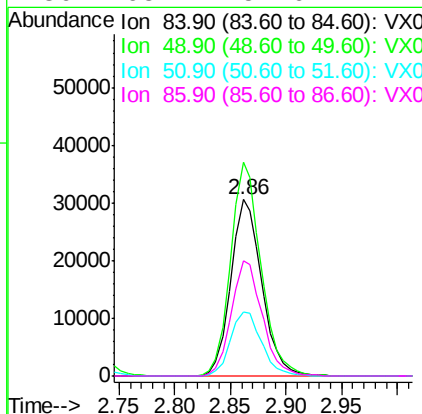
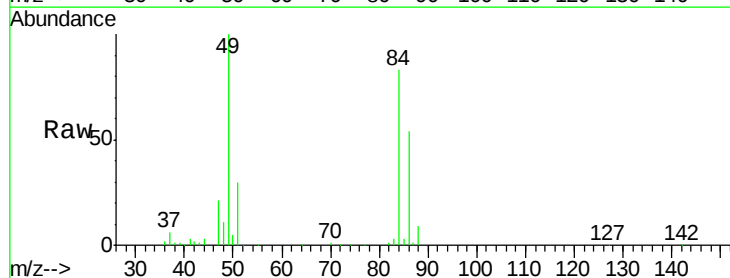
Manual Integrations
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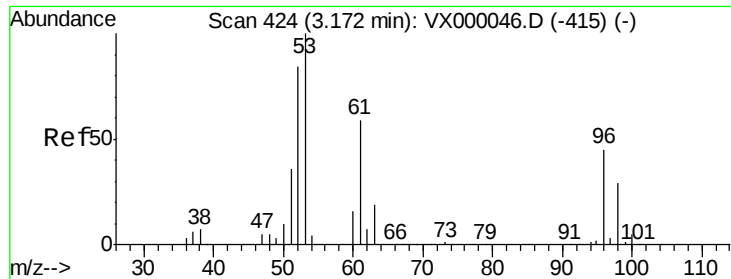
MMDadoda
2/16/2018 2:28:09 PM



#20
Methylene Chloride
Concen: 51.64 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 84 Resp: 59021
Ion Ratio Lower Upper
84 100
49 121.1 94.4 141.6
51 36.1 28.3 42.5
86 65.7 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 51.32 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 96 Resp: 59148

Ion Ratio Lower Upper

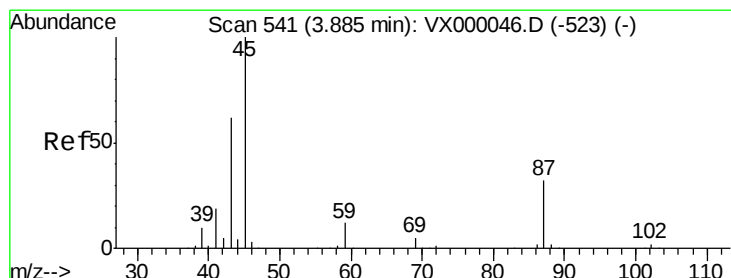
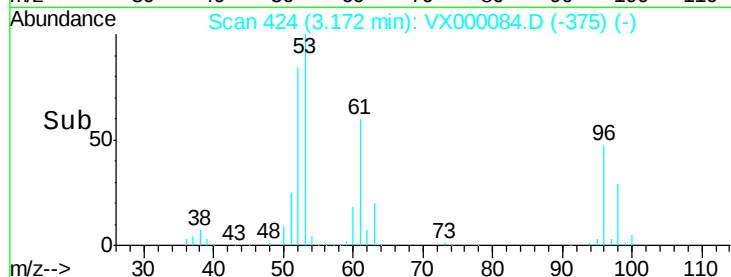
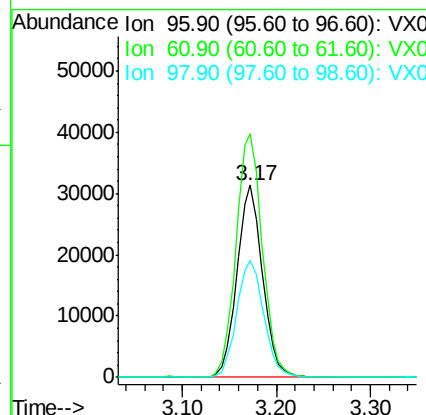
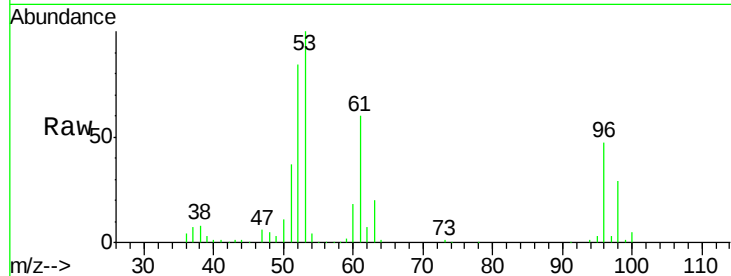
96 100

61 126.9 104.9 157.3

98 61.2 52.4 78.6

Manual Integrations
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2/16/2018 2:28:09 PM



#22

Diisopropyl ether

Concen: 51.25 ug/l

RT: 3.89 min Scan# 541

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion: 45 Resp: 157899

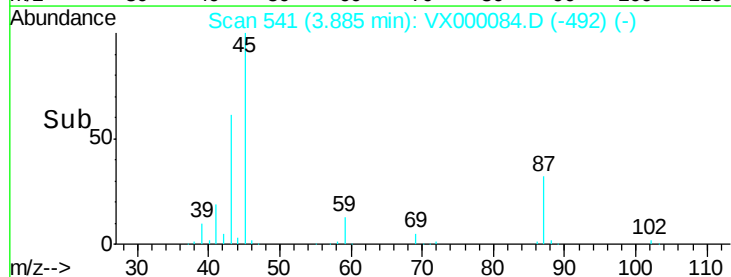
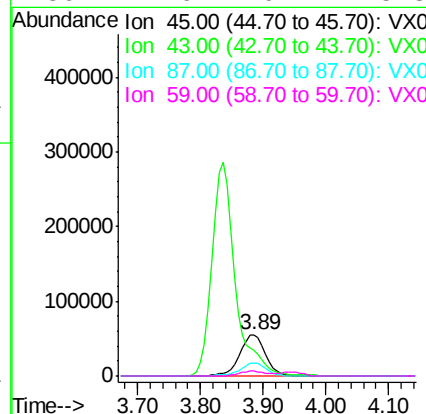
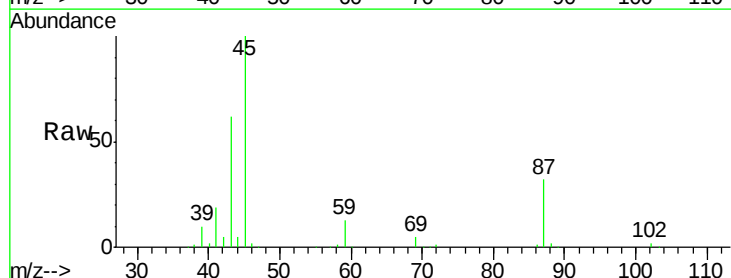
Ion Ratio Lower Upper

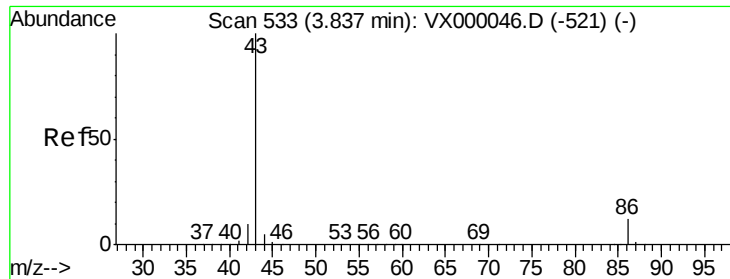
45 100

43 61.2 49.6 74.4

87 31.7 25.9 38.9

59 12.6 9.2 13.8





#23

Vinyl Acetate

Concen: 266.26 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 741575

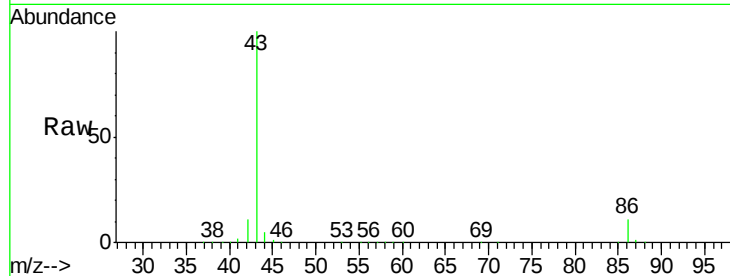
Ion Ratio Lower Upper

43 100

86 11.3 9.3 13.9

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

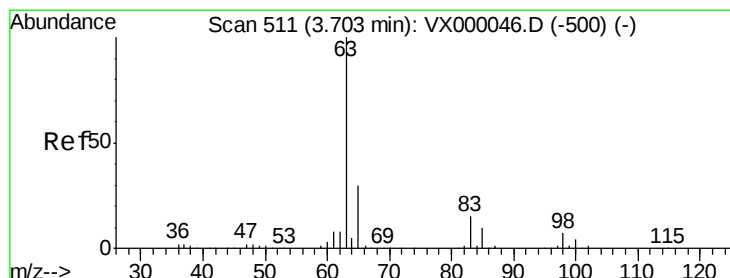
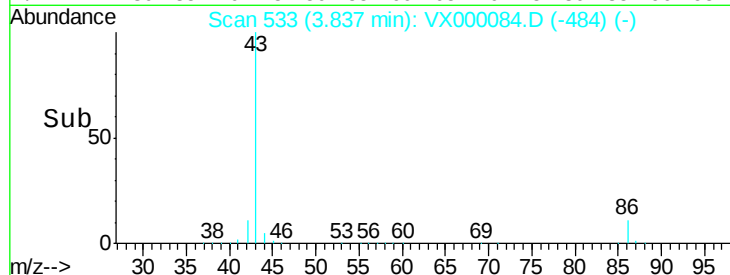
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.92 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

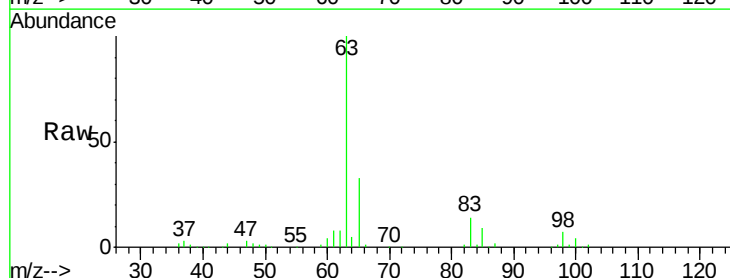
Tgt Ion: 63 Resp: 97509

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.5 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

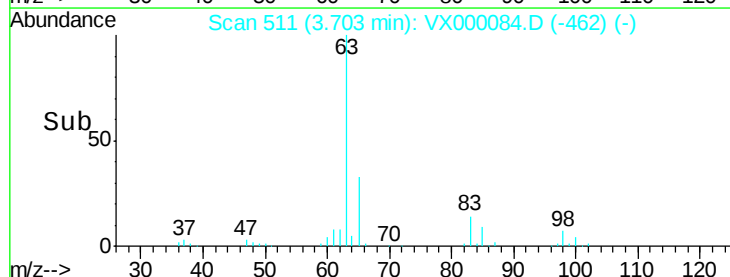
30000

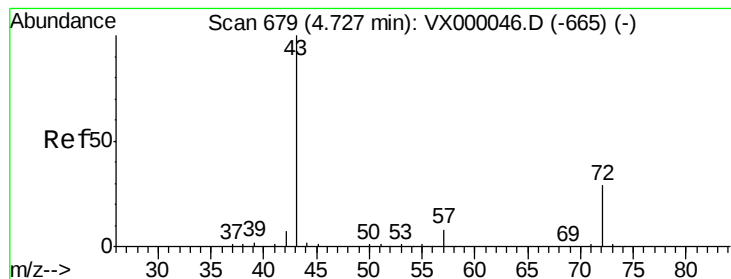
20000

10000

0

Time-->





#25

2-Butanone

Concen: 304.36 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 313584

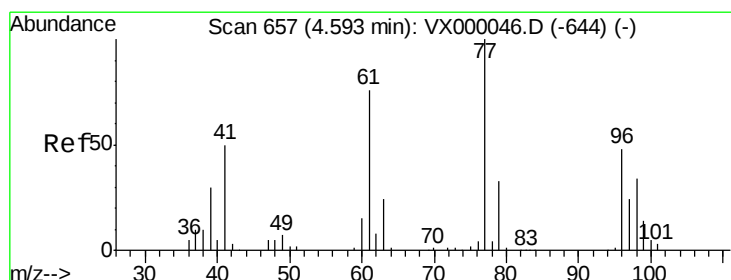
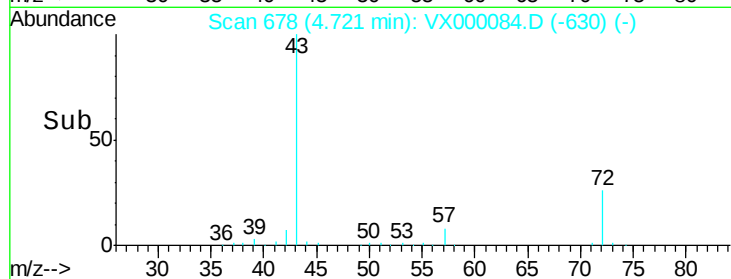
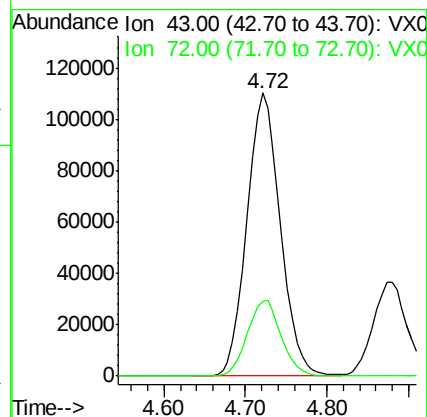
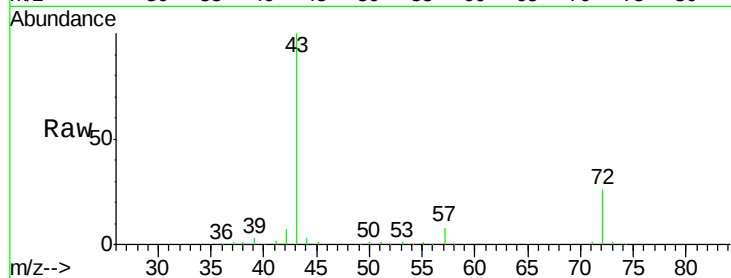
Ion Ratio Lower Upper

43 100

72 26.4 23.0 34.6

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 50.90 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000084.D

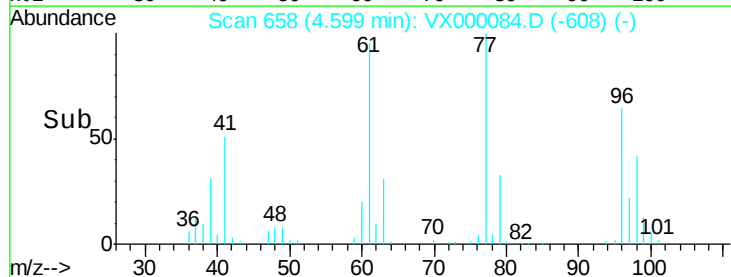
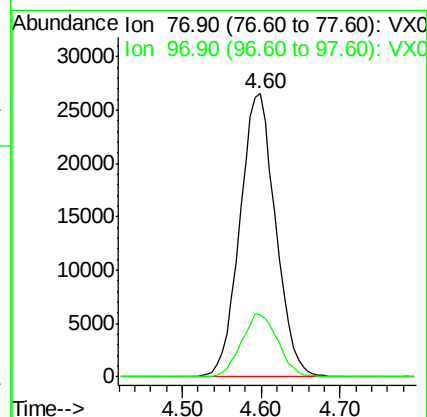
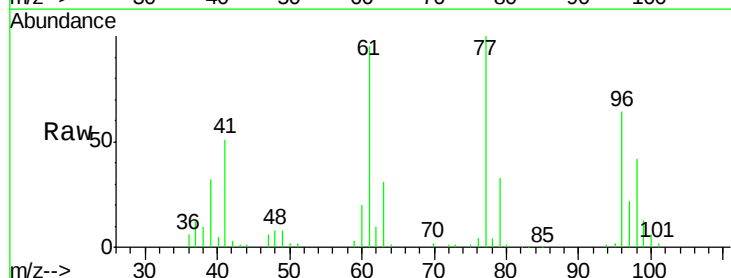
Acq: 13 Feb 2018 19:08

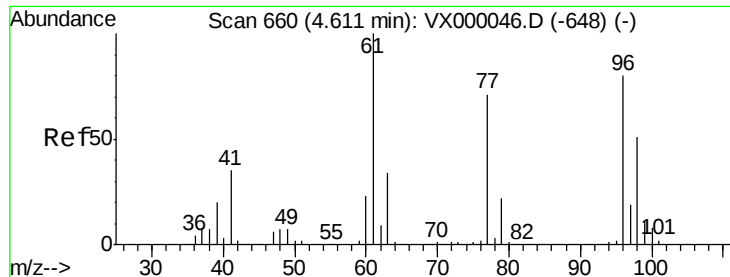
Tgt Ion: 77 Resp: 83530

Ion Ratio Lower Upper

77 100

97 22.7 11.8 35.4





#27

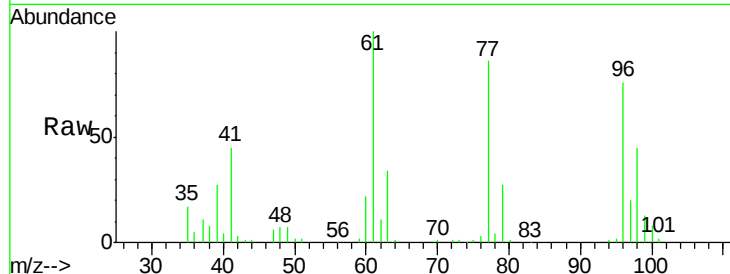
cis-1,2-Dichloroethene
Concen: 51.80 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

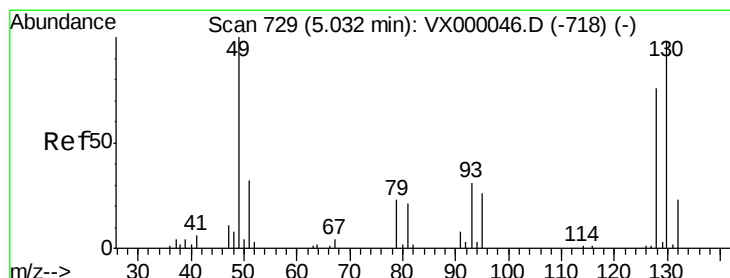
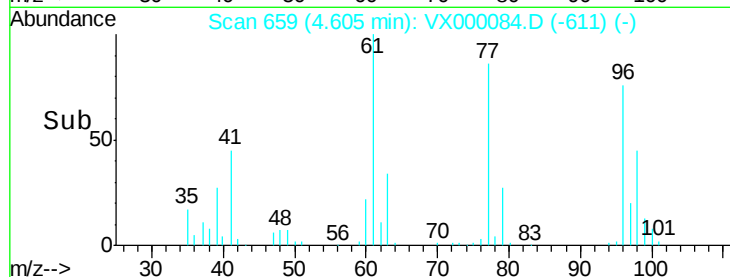
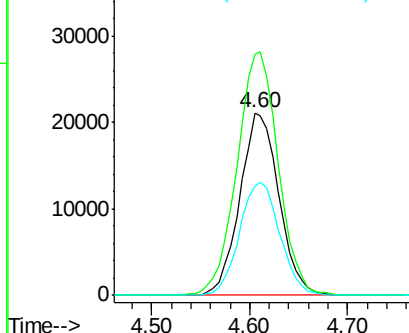
Tot Ion	Ratio	Resp	Lower	Upper
96	100	58505		
61	141.1		0.0	274.4
98	64.0		0.0	132.4

Manual Integrations
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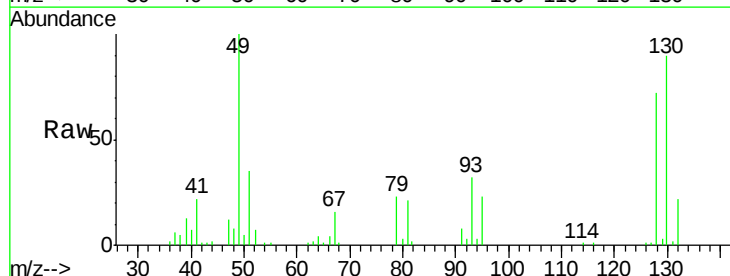
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



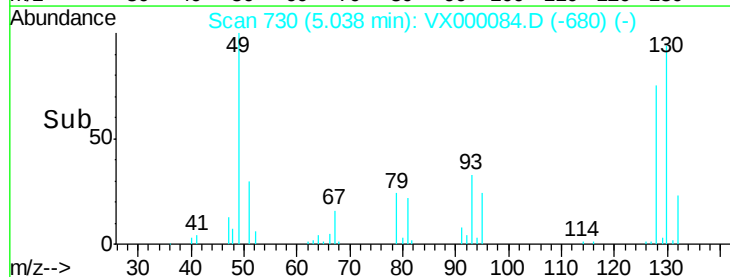
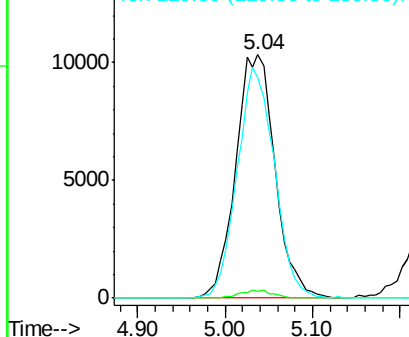
#28

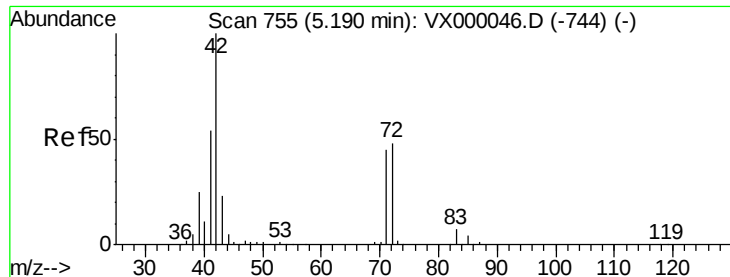
Bromochloromethane
Concen: 50.97 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32369		
129	2.6		0.0	5.0
130	89.6		75.6	113.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





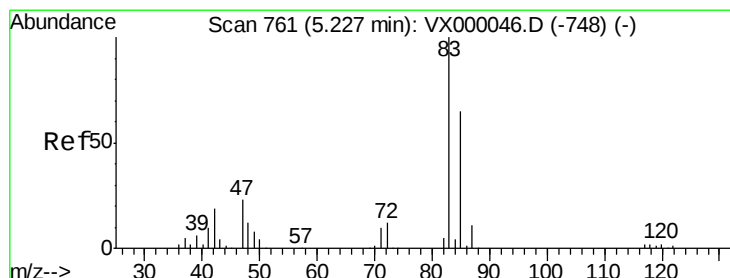
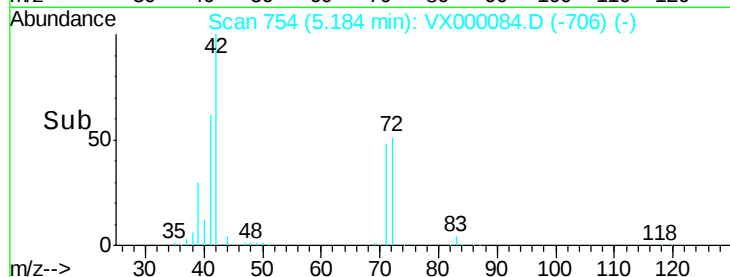
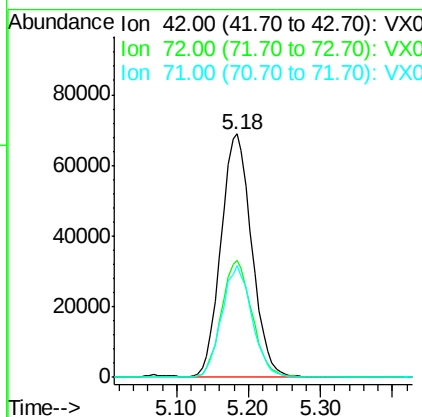
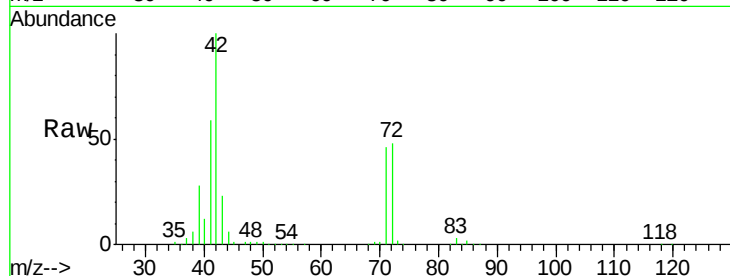
#29
Tetrahydrofuran
Concen: 289.84 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	39.0	58.6
71	45.0	36.7	55.1

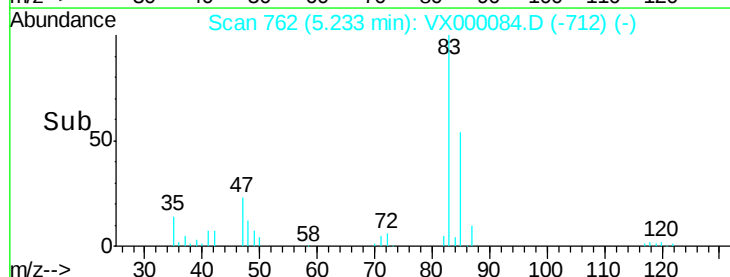
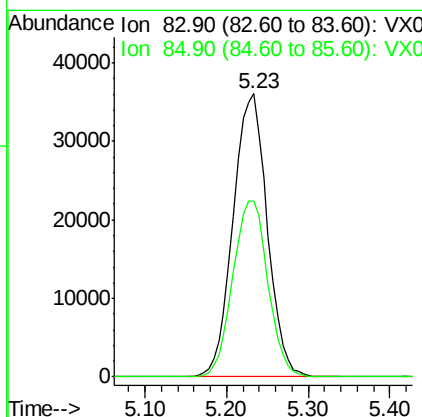
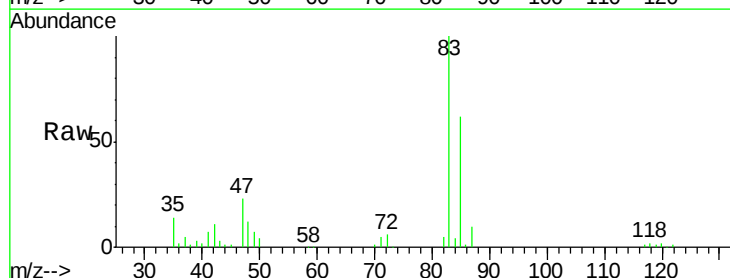
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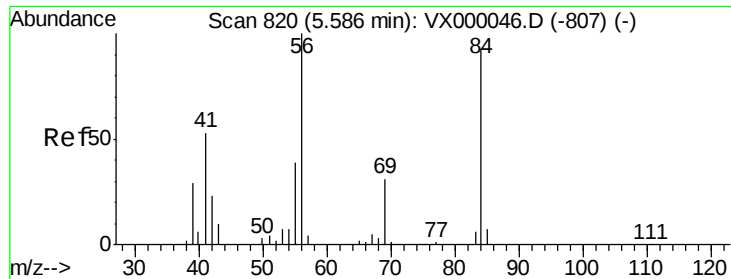
MMDadoda
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#30
Chloroform
Concen: 54.16 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.9	77.9





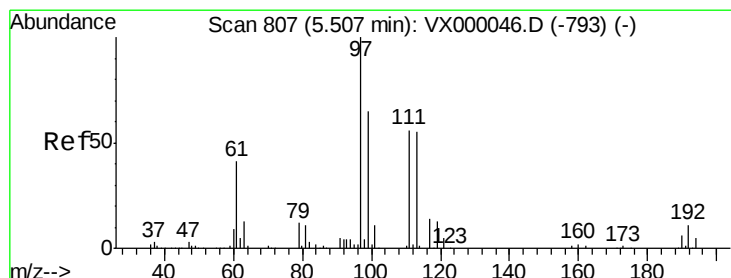
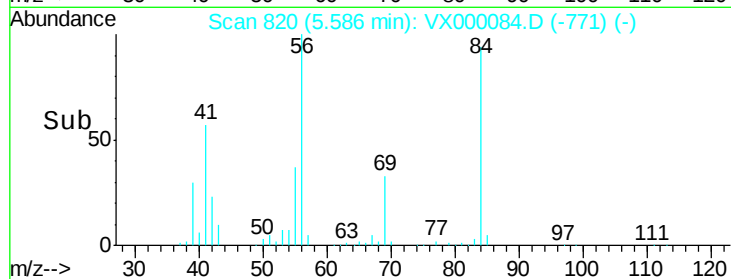
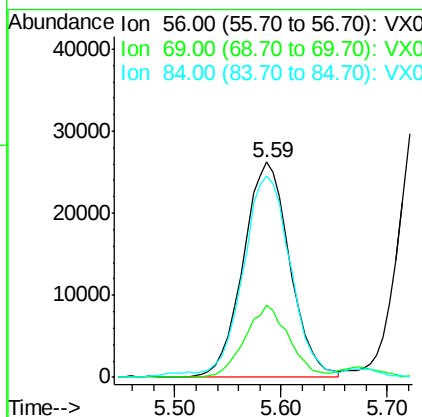
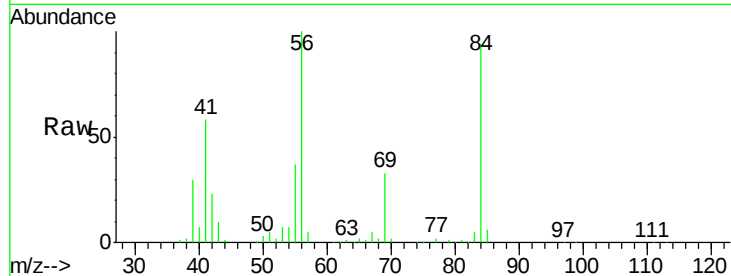
#31
Cyclohexane
Concen: 50.80 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.5	36.7
84	91.6	74.8	112.2

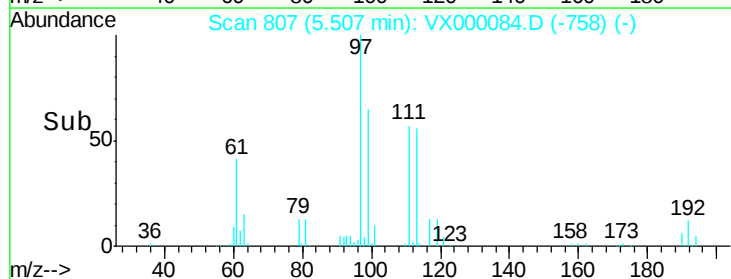
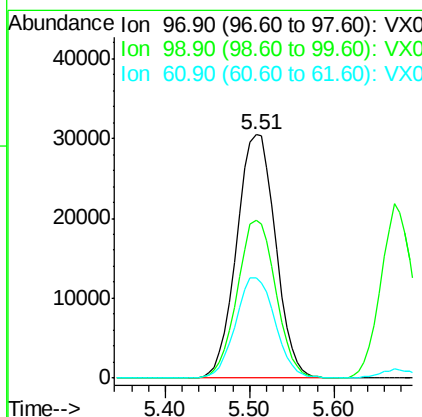
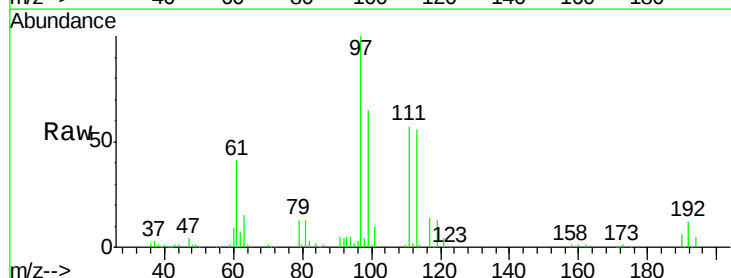
Manual Integrations
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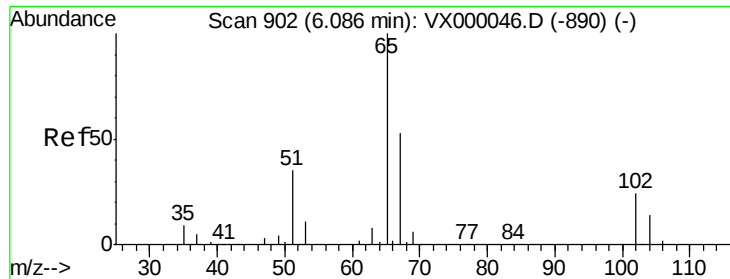
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 52.54 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	41.9	32.1	48.1





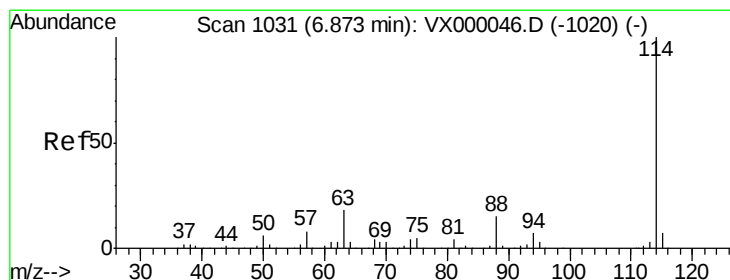
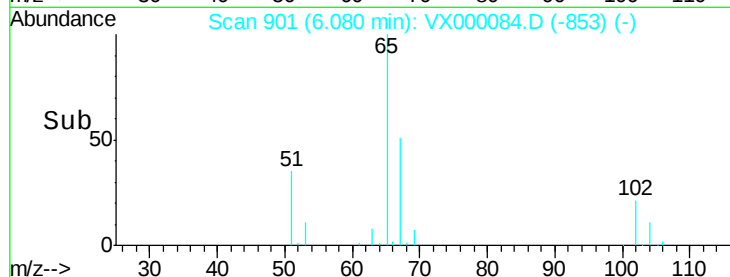
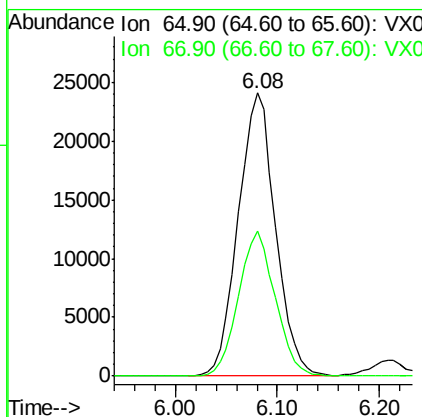
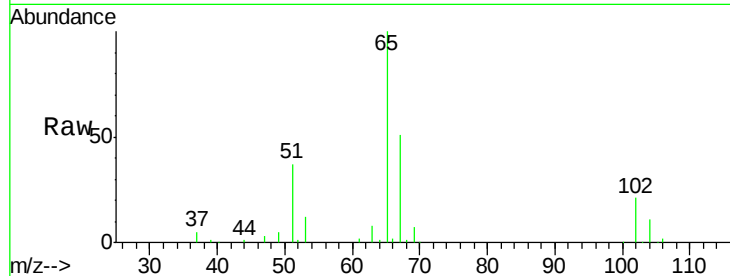
#33
 1,2-Dichloroethane-d4
 Concen: 52.91 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 65 Resp: 61009
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.0

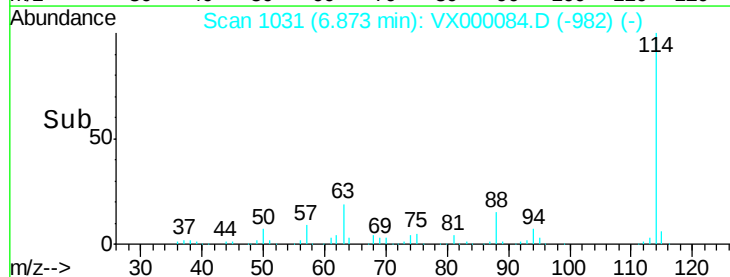
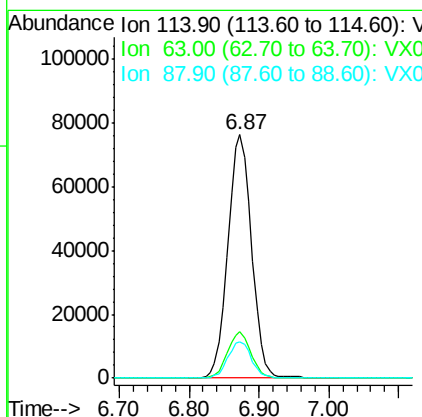
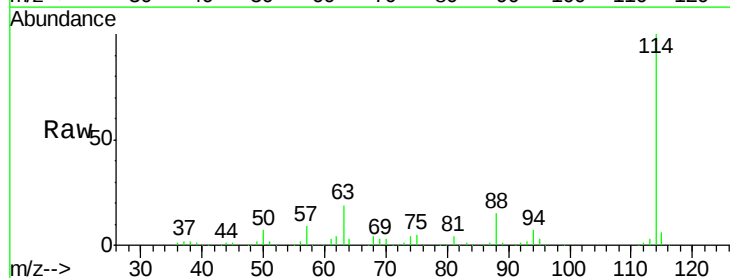
Manual Integrations
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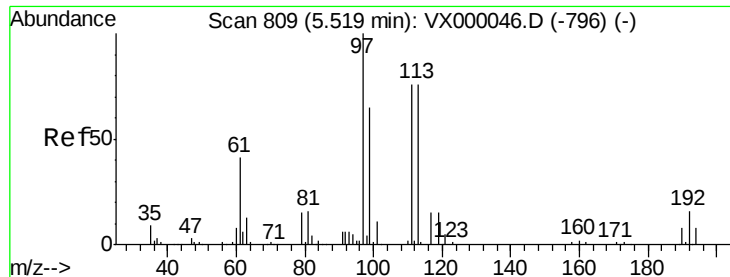
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 114 Resp: 179780
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 36.0
 88 14.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.55 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

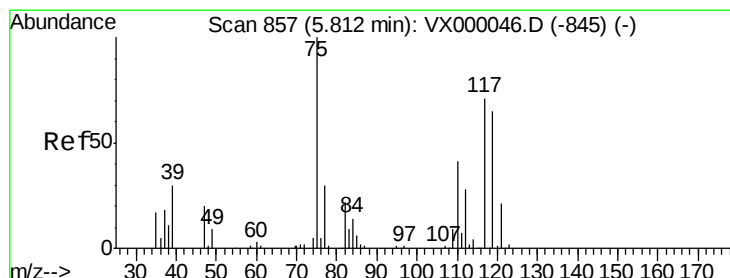
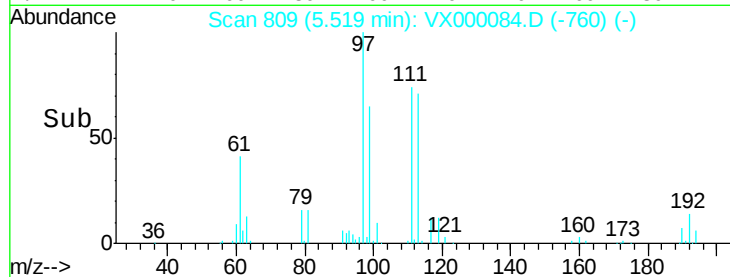
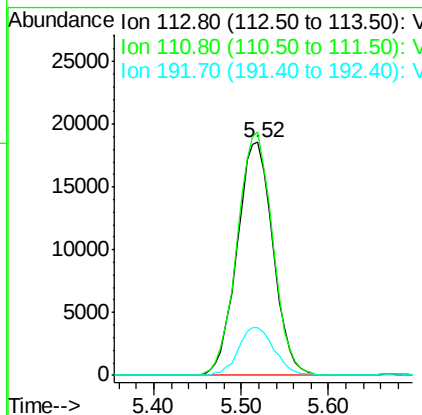
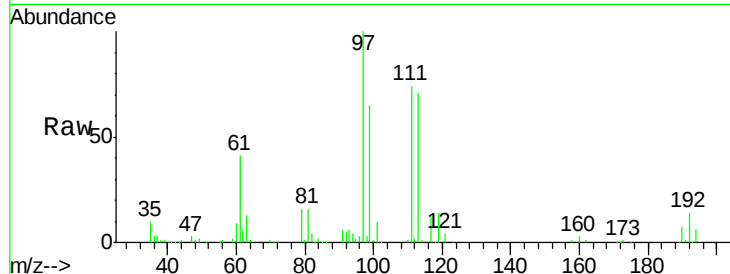
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	53058
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.5	120.7
192	20.5	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.06 ug/l

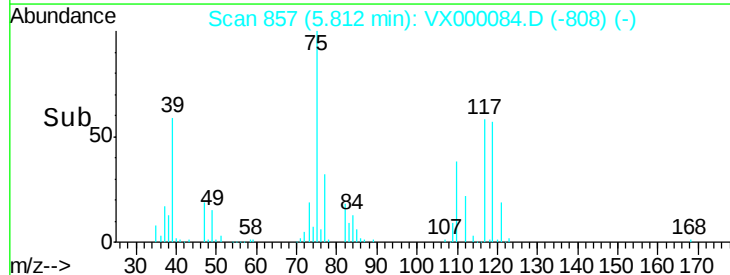
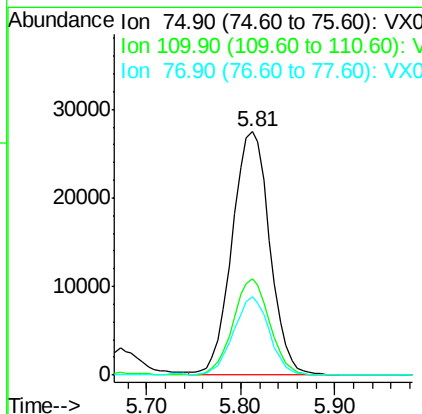
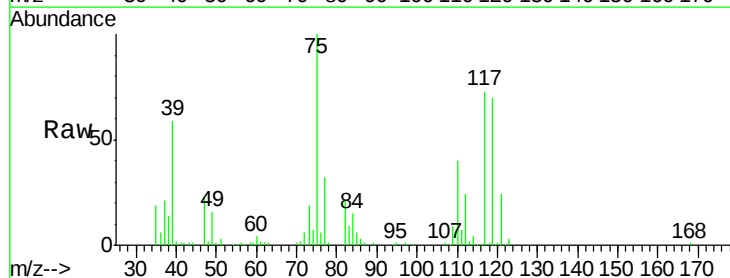
RT: 5.81 min Scan# 857

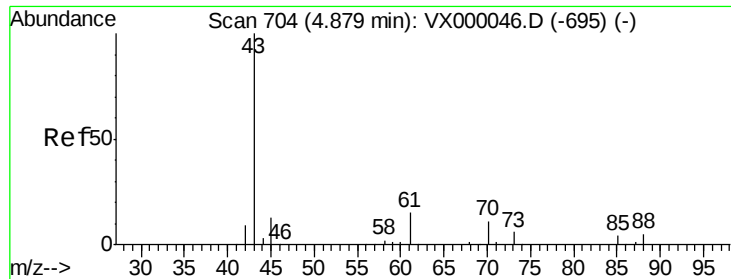
Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	75	Resp:	76798
Ion	Ratio	Lower	Upper
75	100		
110	38.3	19.4	58.4
77	30.5	24.2	36.4





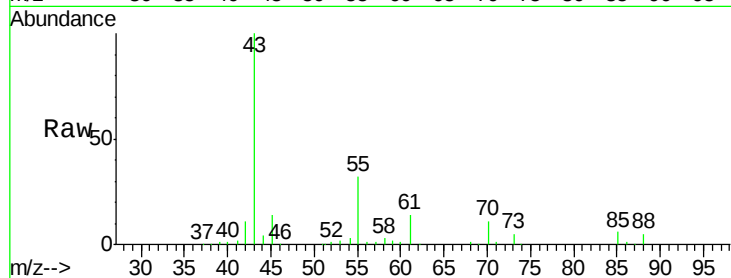
#37
Ethyl Acetate
Concen: 52.51 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
Client Sampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.2
70	10.6	9.0	13.6

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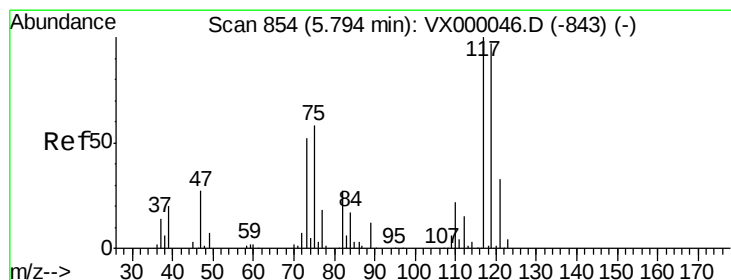
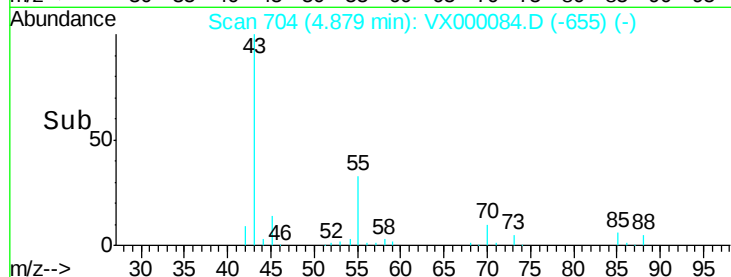
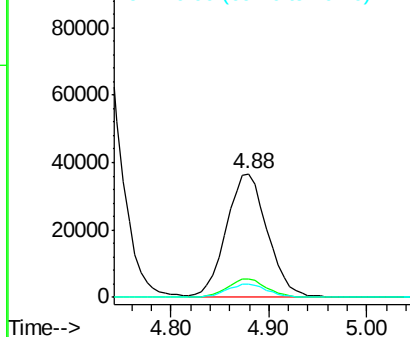


Abundance

Ion 43.00 (42.70 to 43.70): VX0

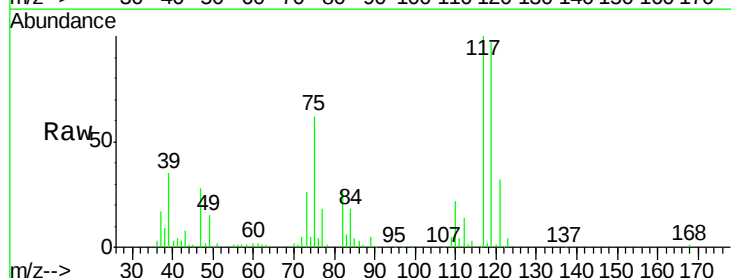
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 49.60 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
121	32.0	25.8	38.8

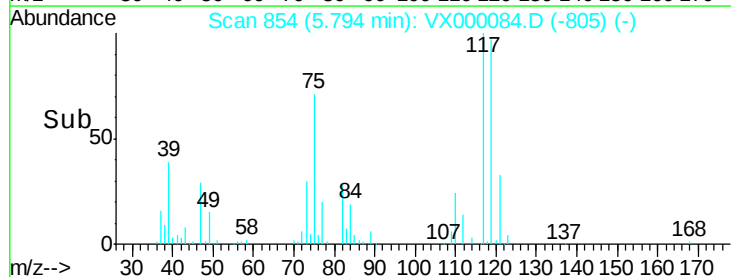
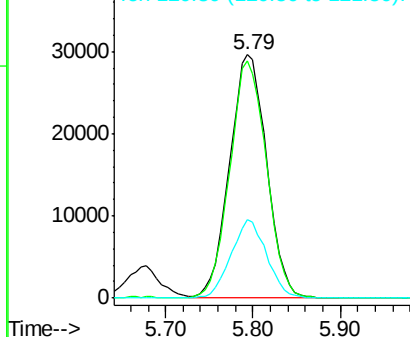


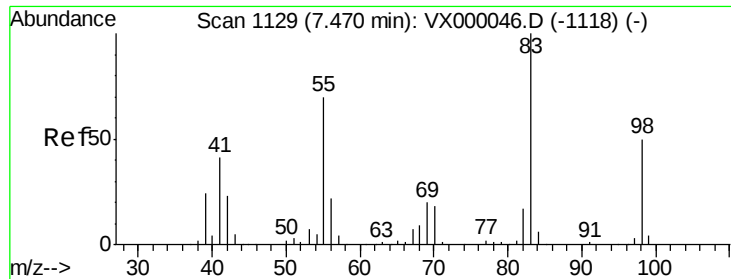
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





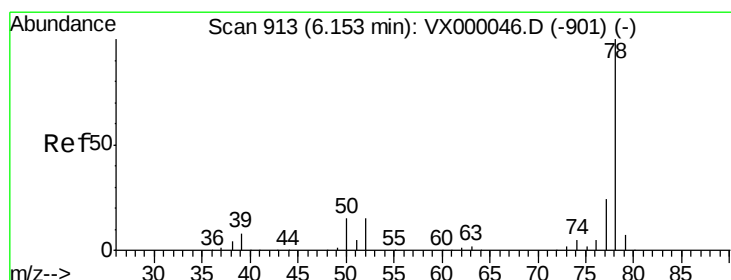
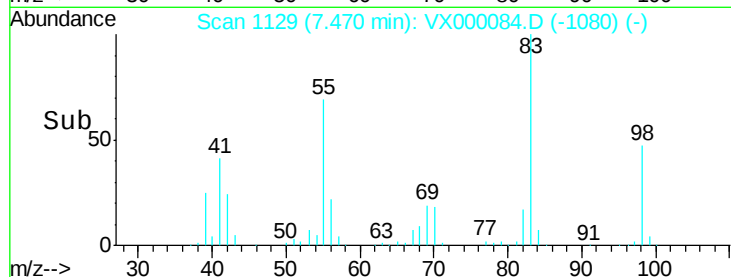
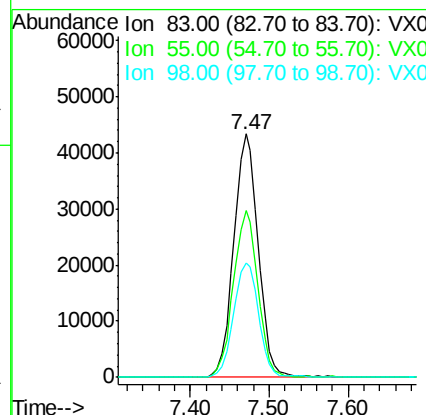
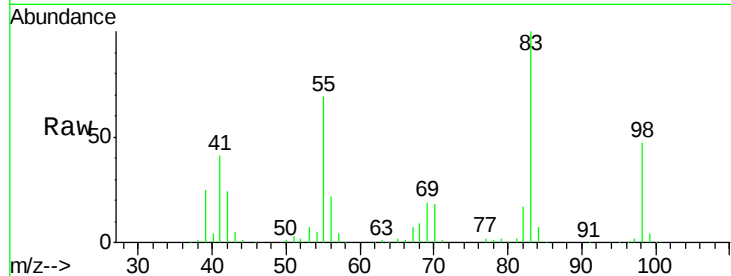
#39
Methvlcvclohexane
Concen: 49.40 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	55.7	83.5
98	46.9	39.7	59.5

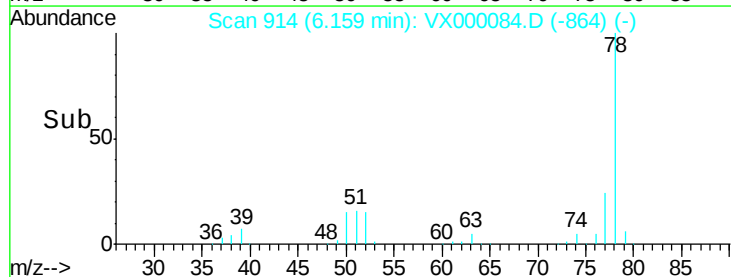
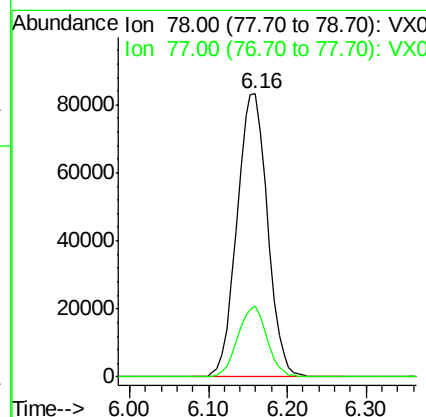
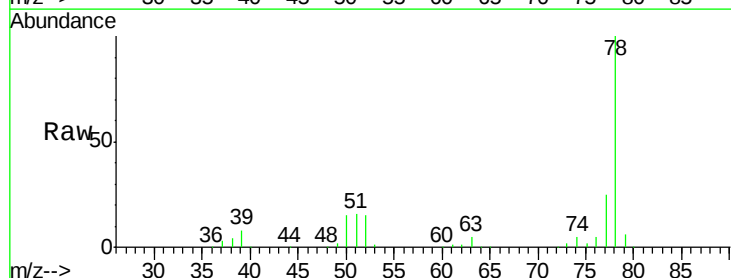
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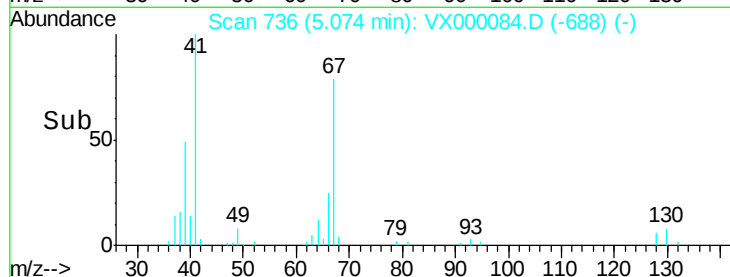
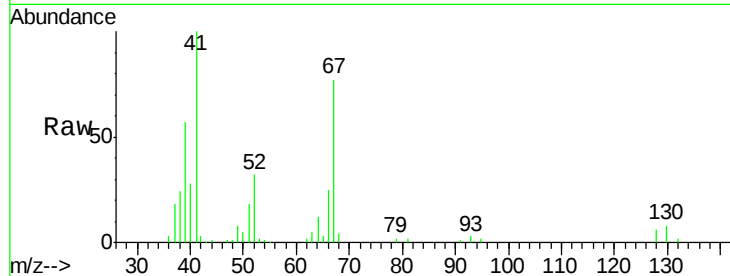
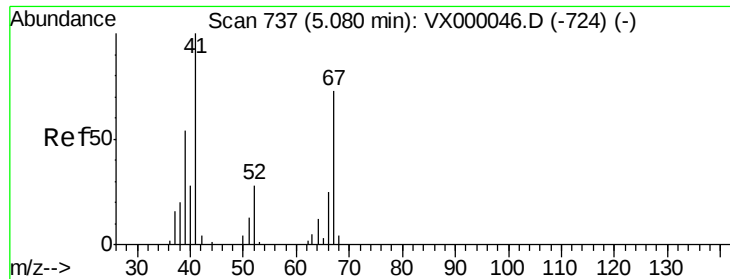
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#40
Benzene
Concen: 50.72 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.2





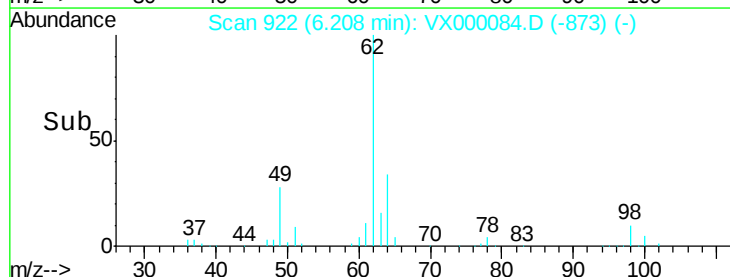
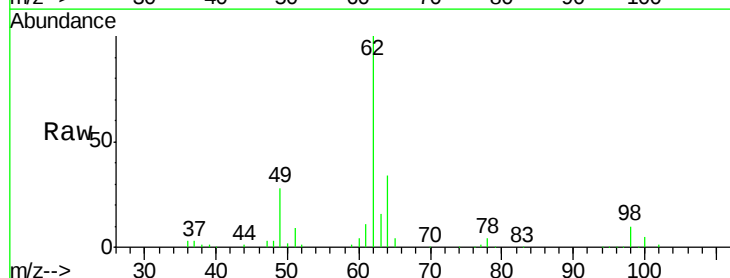
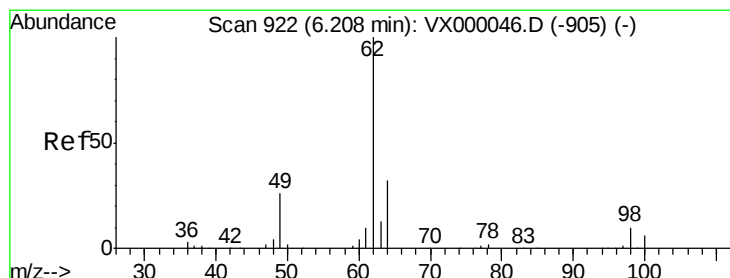
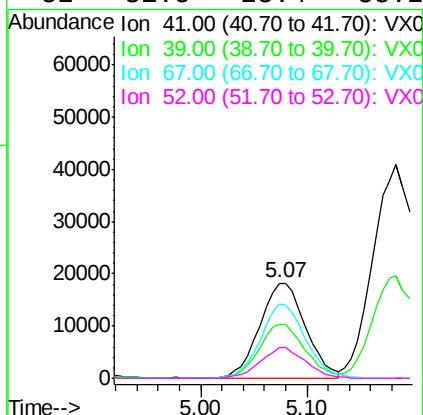
#41
Methacrylonitrile
Concen: 52.70 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		54713		
39	57.1	45.8	68.8		
67	76.1	60.6	91.0		
52	31.5	25.4	38.2		

Instrument :
ClientSampled :
VSTDCCC050EC

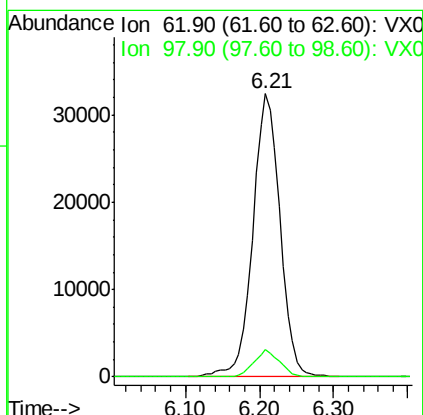
Manual Integrations
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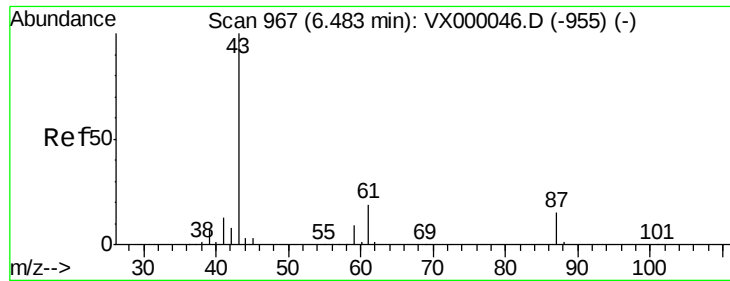
MMDadoda
2/16/2018 2:28:09 PM



#42
1,2-Dichloroethane
Concen: 52.63 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		83179		
98	8.9	0.0	18.6		





#43

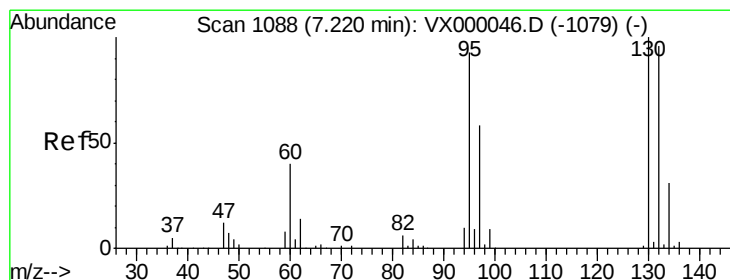
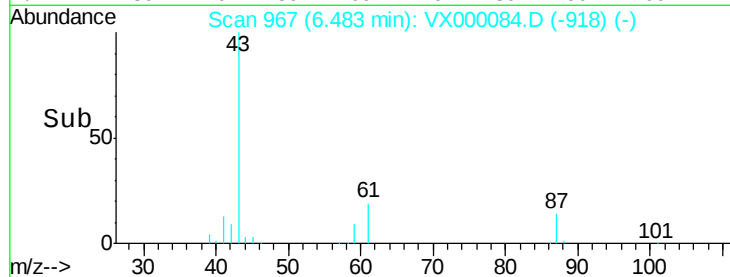
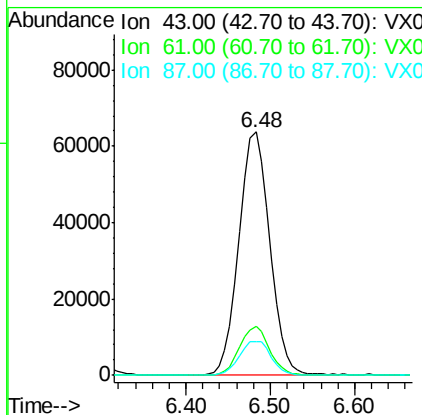
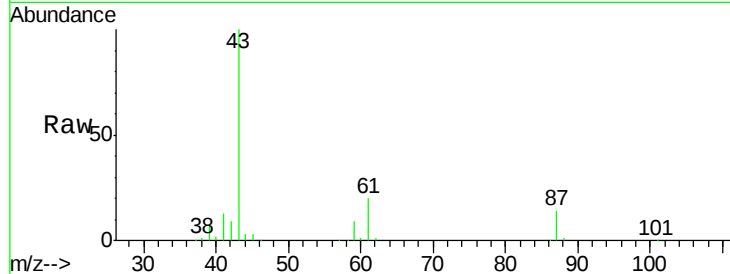
Isopropyl Acetate
 Concen: 51.76 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.9	23.9
87	14.5	11.8	17.6

Manual Integrations
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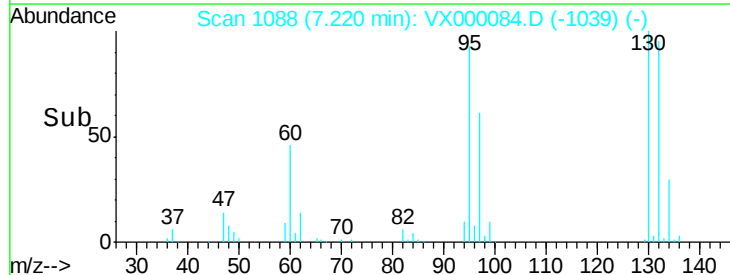
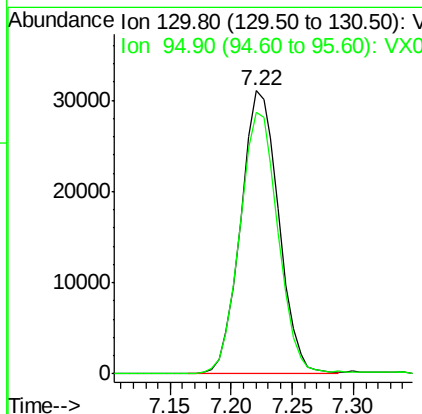
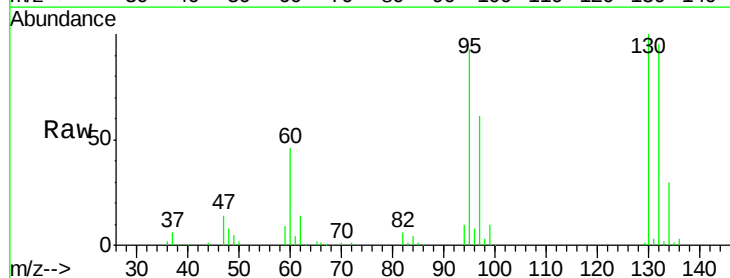
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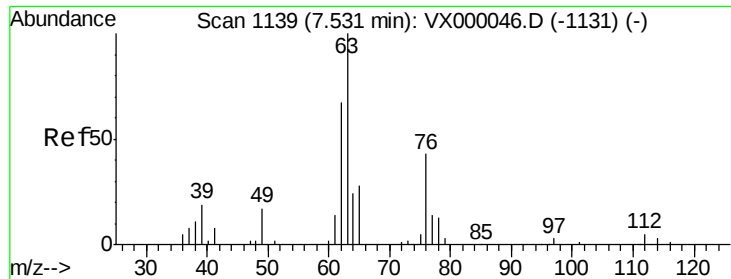


#44

Trichloroethene
 Concen: 49.00 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.2





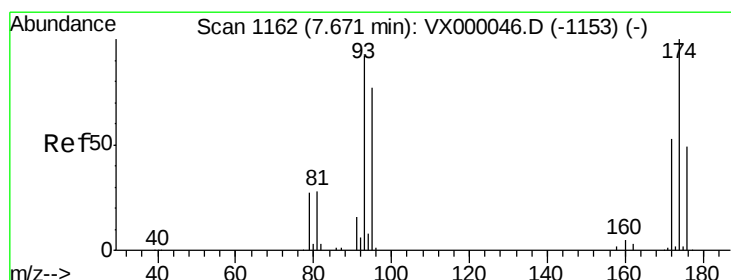
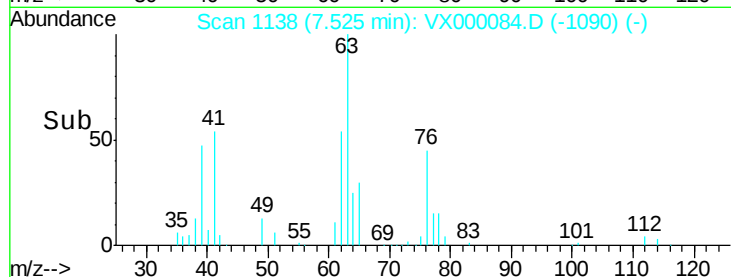
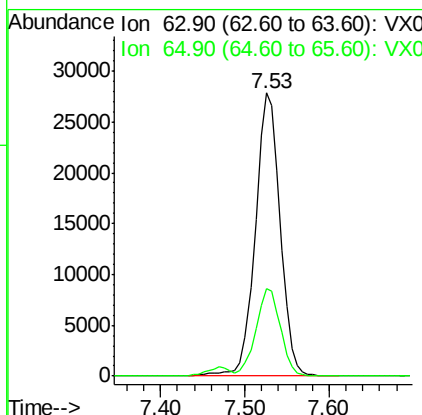
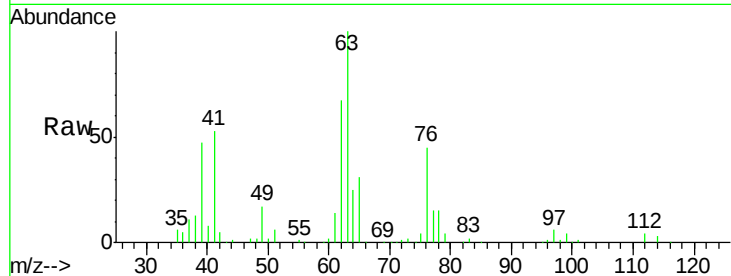
#45
 1,2-Dichloropropane
 Concen: 52.37 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 63 Resp: 56331
 Ion Ratio Lower Upper
 63 100
 65 31.0 23.7 35.5

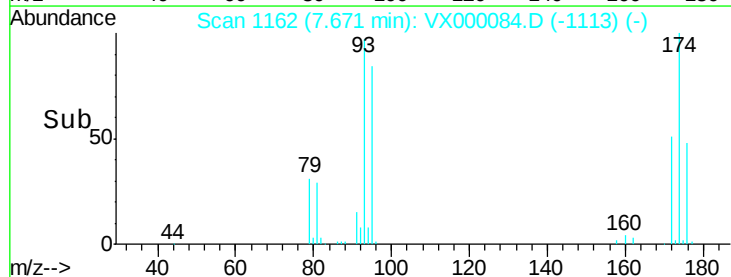
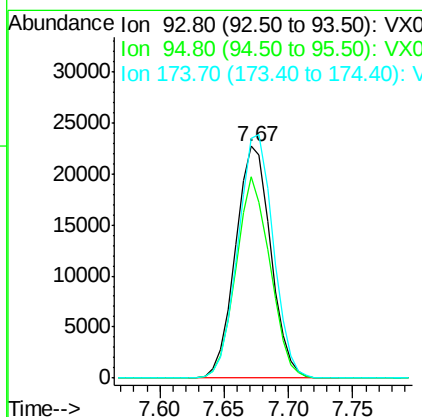
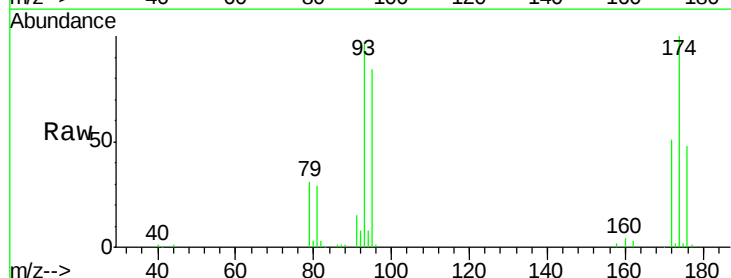
Manual Integrations
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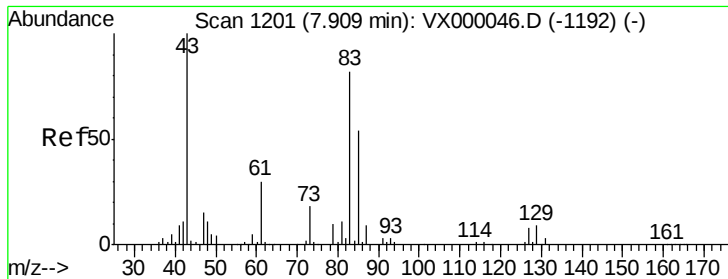
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#46
 Dibromomethane
 Concen: 52.01 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 93 Resp: 43176
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.3 99.5
 174 104.7 90.4 135.6





#47

Bromodichloromethane

Concen: 51.36 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

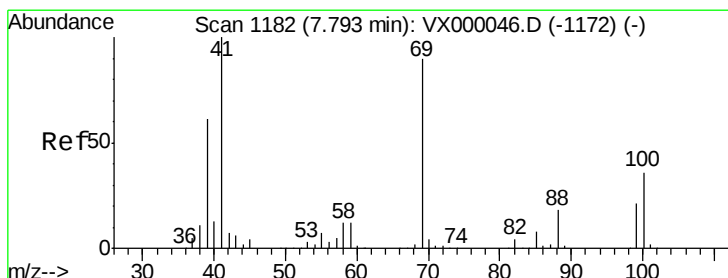
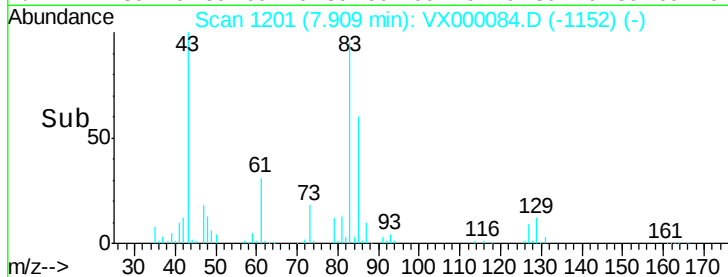
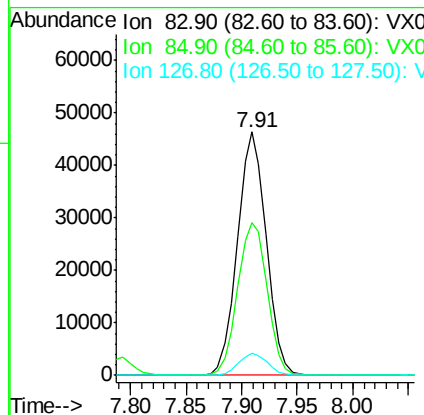
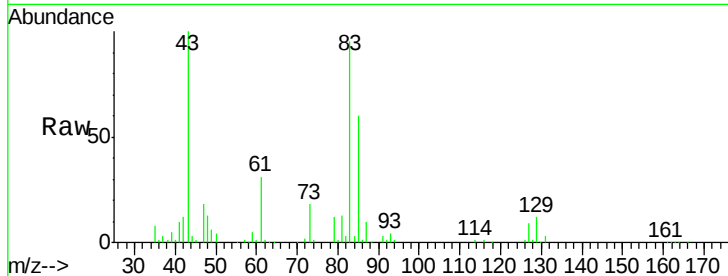
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	82913
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.3	78.5
127	9.1	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.11 ug/l

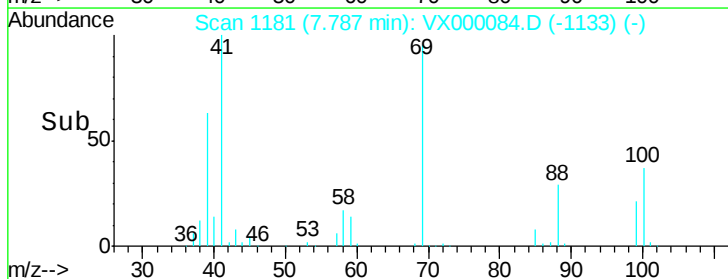
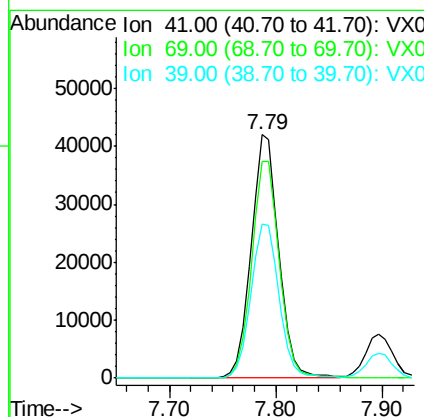
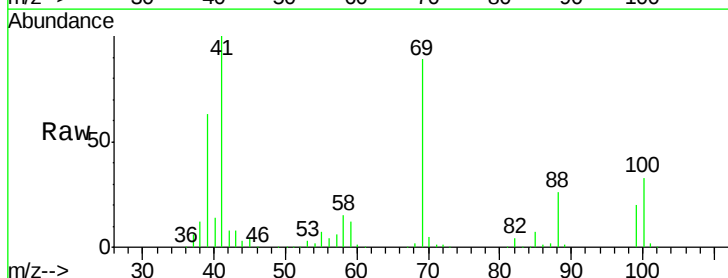
RT: 7.79 min Scan# 1181

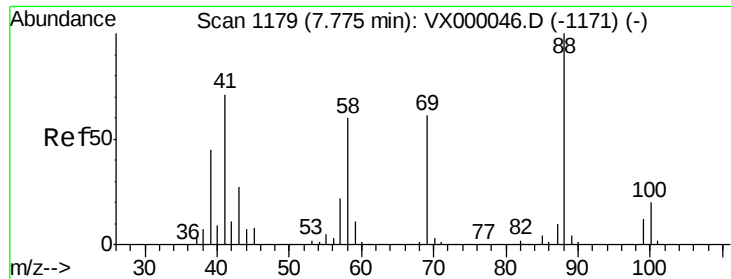
Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	41	Resp:	76457
Ion	Ratio	Lower	Upper
41	100		
69	89.5	72.1	108.1
39	64.9	49.6	74.4





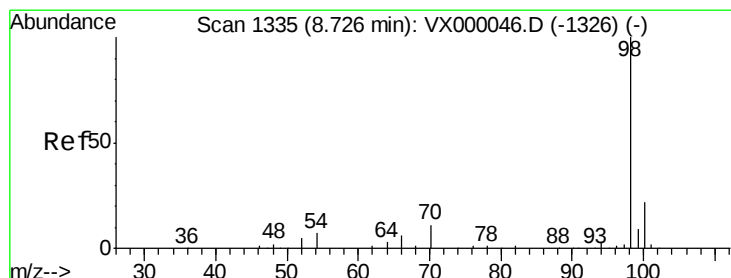
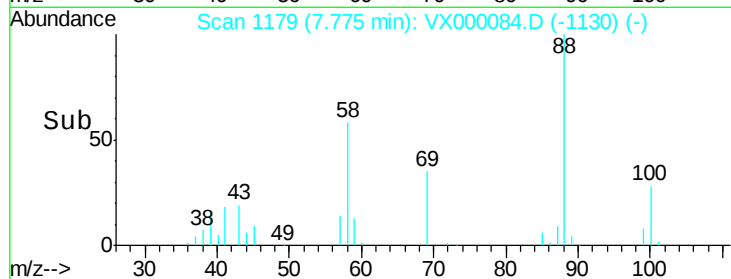
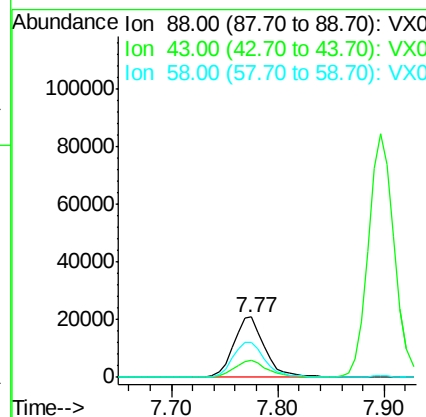
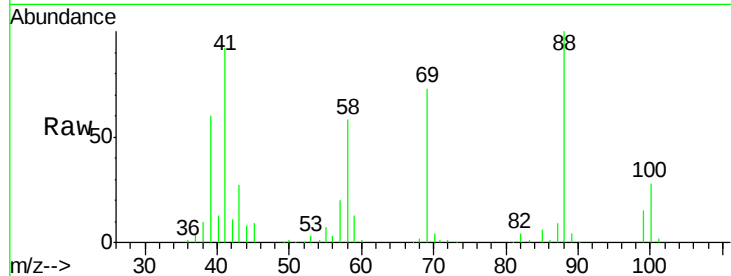
#49
1,4-Dioxane
Concen: 1072.32 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.6	33.8
58	61.5	49.4	74.2

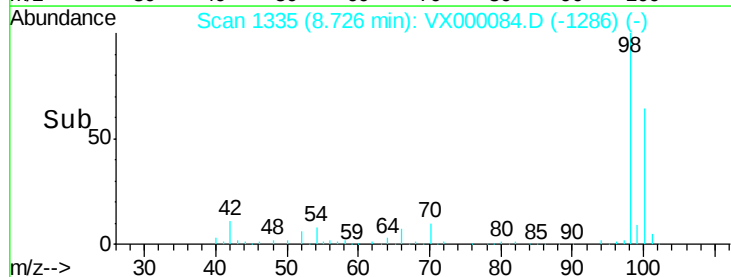
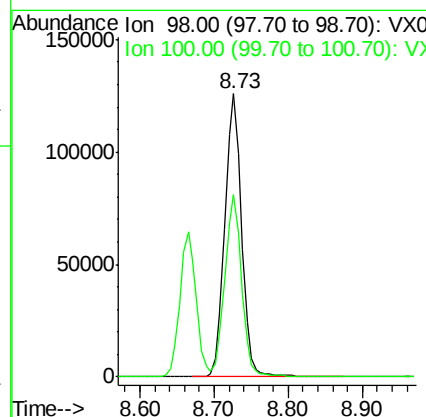
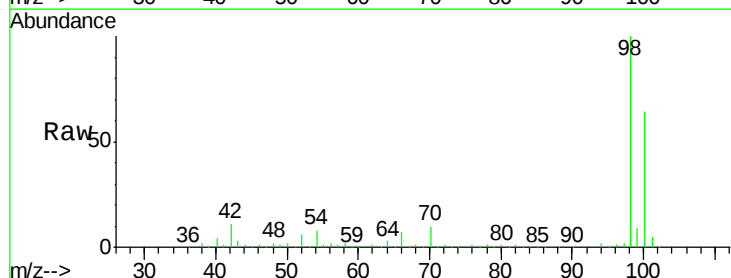
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#50
Toluene-d8
Concen: 50.34 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 282.49 ug/l

RT: 8.67 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 599897

Ion Ratio Lower Upper

43 100

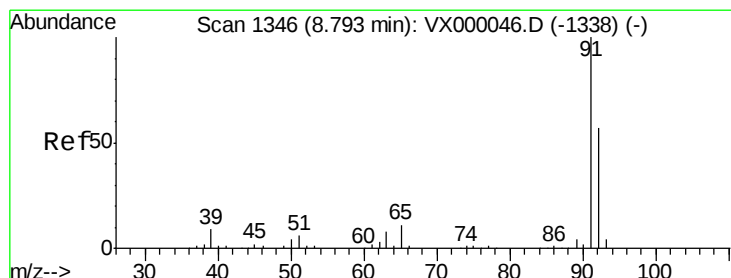
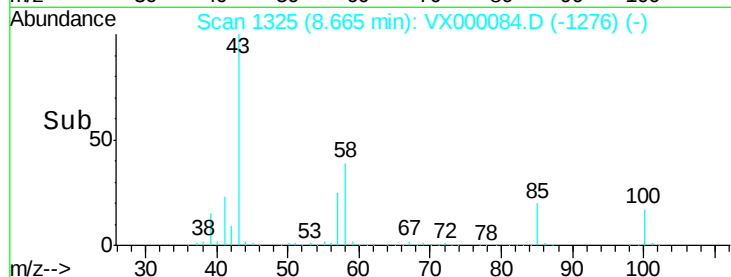
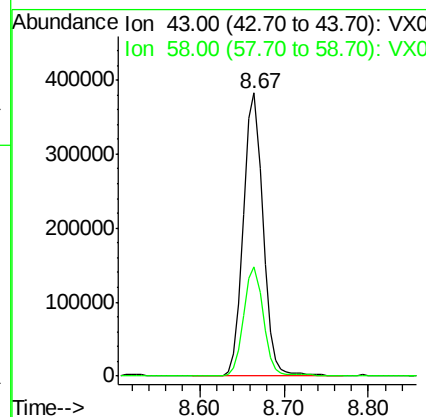
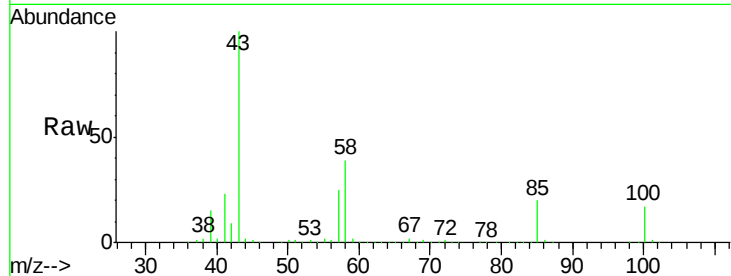
58 39.1 32.1 48.1

Manual Integrations

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#52

Toluene

Concen: 52.20 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000084.D

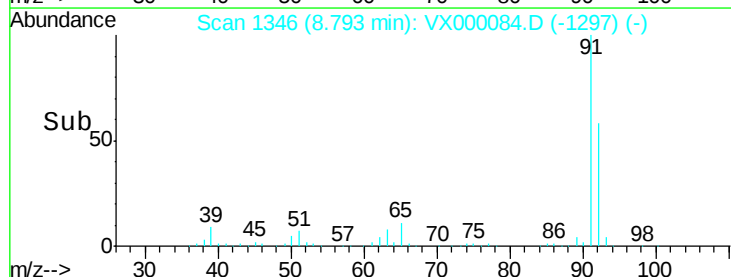
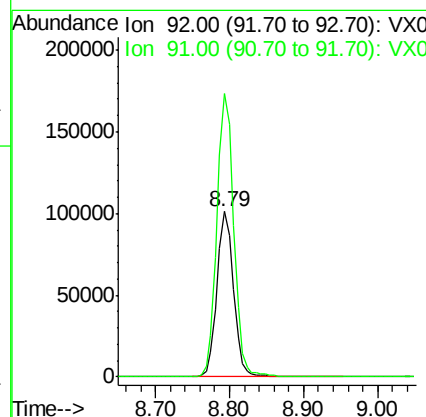
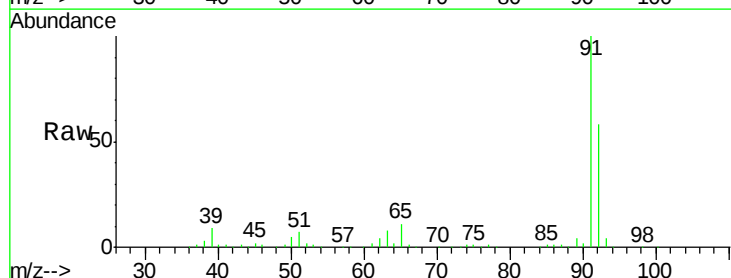
Acq: 13 Feb 2018 19:08

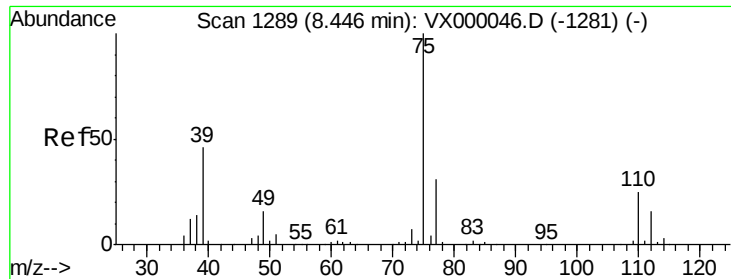
Tgt Ion: 92 Resp: 155132

Ion Ratio Lower Upper

92 100

91 174.8 139.8 209.6





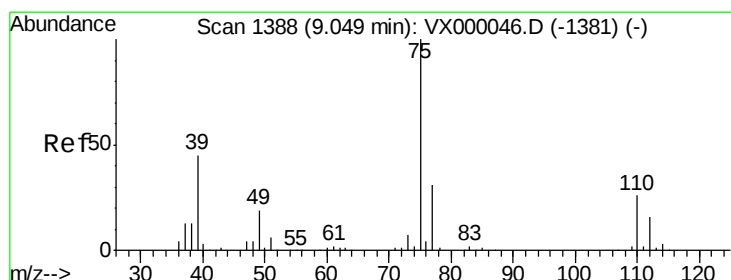
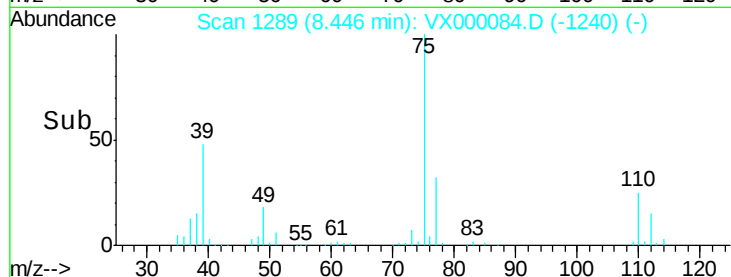
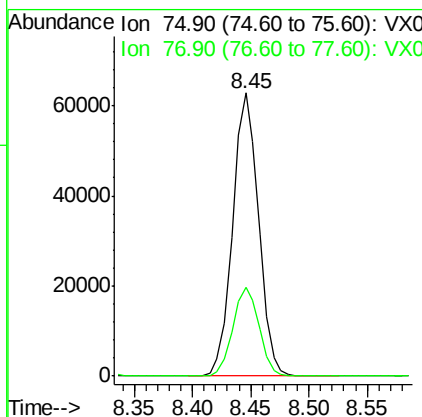
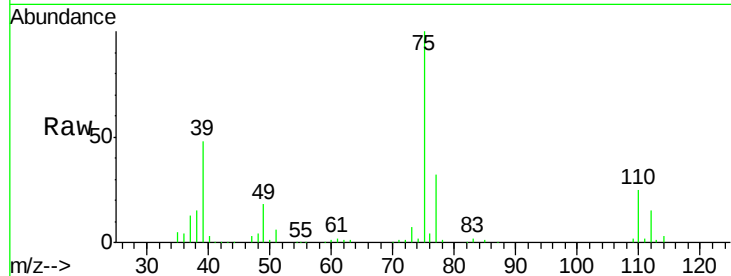
#53
t-1,3-Dichloropropene
Concen: 51.61 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 97462
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.4

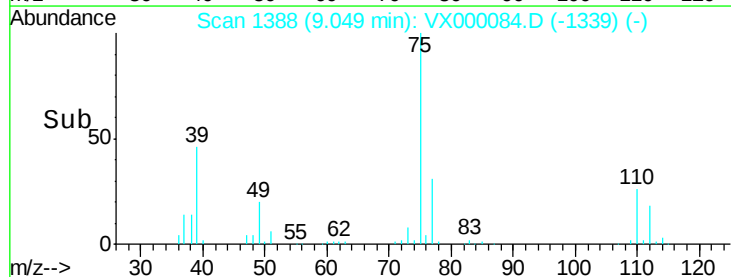
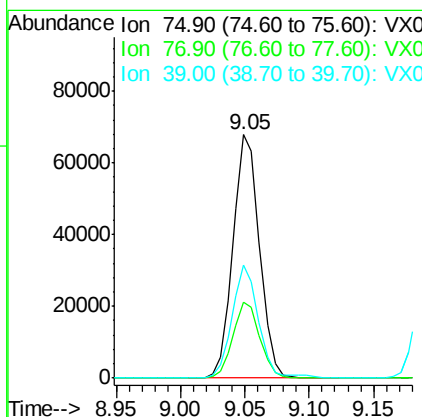
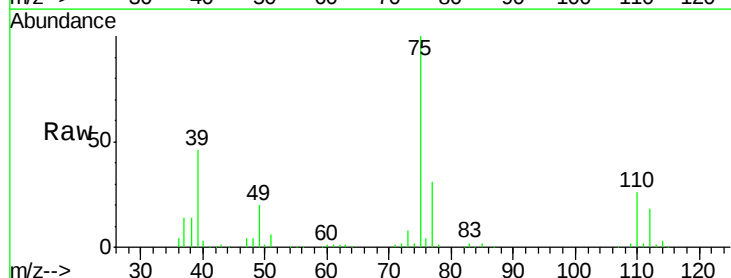
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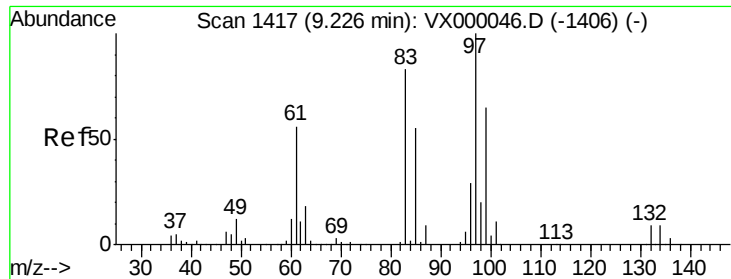
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#54
cis-1,3-Dichloropropene
Concen: 53.01 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion: 75 Resp: 97299
Ion Ratio Lower Upper
75 100
77 31.3 25.1 37.7
39 46.3 36.1 54.1





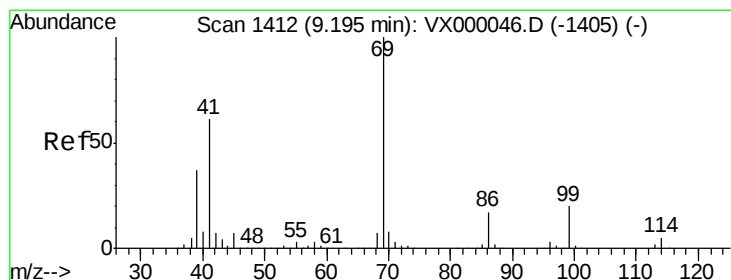
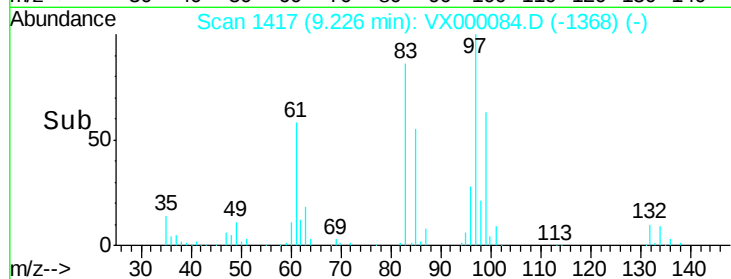
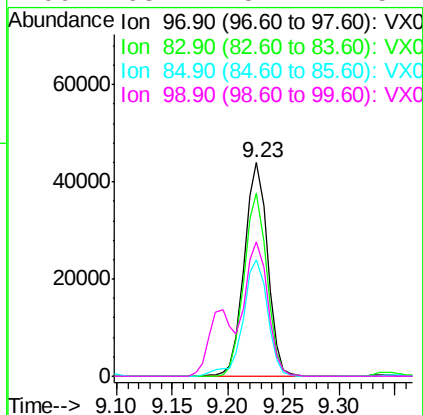
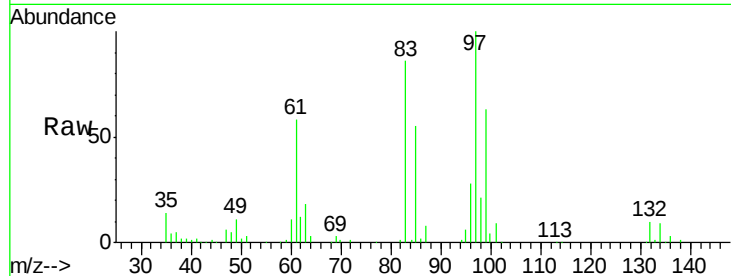
#55
 1,1,2-Trichloroethane
 Concen: 51.43 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion:	97	Resp:	64095
Ion	Ratio	Lower	Upper
97	100		
83	85.9	66.5	99.7
85	54.6	43.8	65.6
99	63.1	52.2	78.4

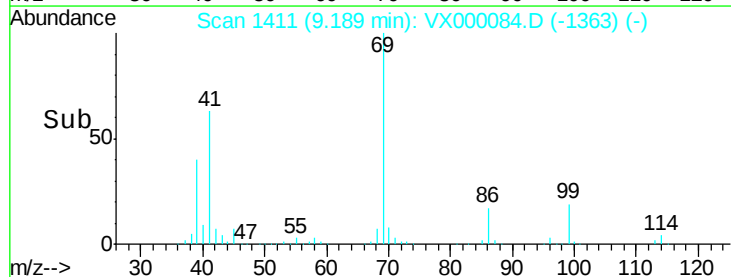
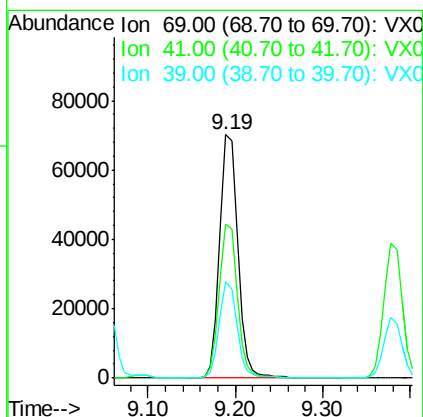
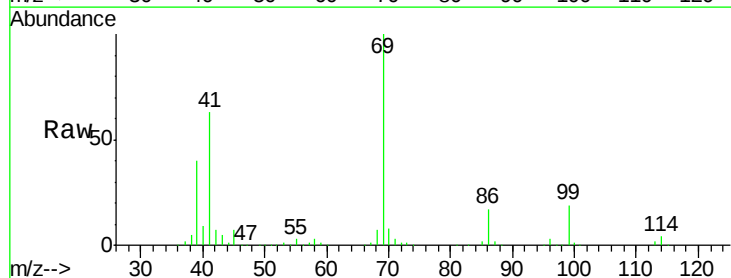
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#56
 Ethyl methacrylate
 Concen: 53.08 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion:	69	Resp:	101472
Ion	Ratio	Lower	Upper
69	100		
41	63.7	49.5	74.3
39	38.8	29.9	44.9





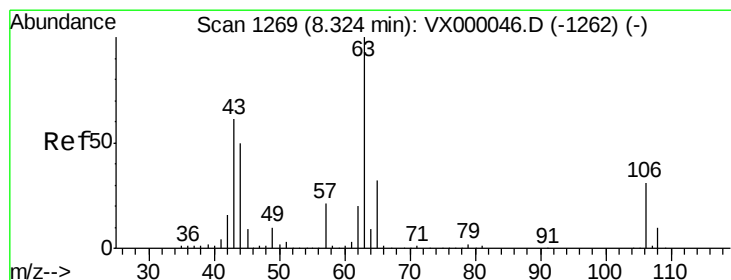
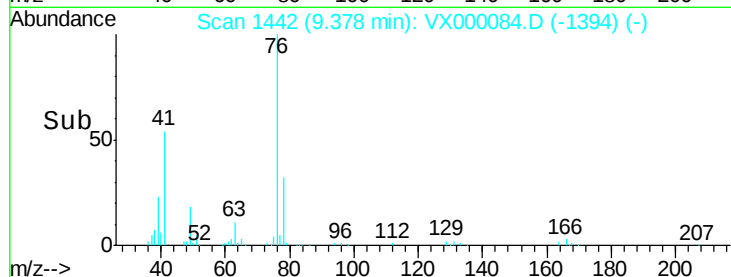
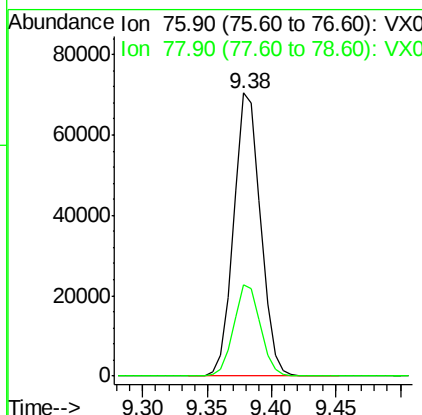
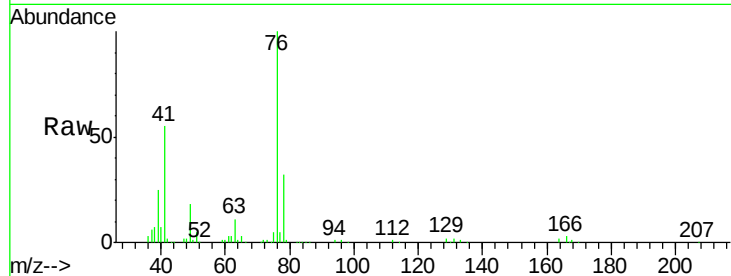
#57
 1,3-Dichloropropane
 Concen: 52.80 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 76 Resp: 102376
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.9 38.9

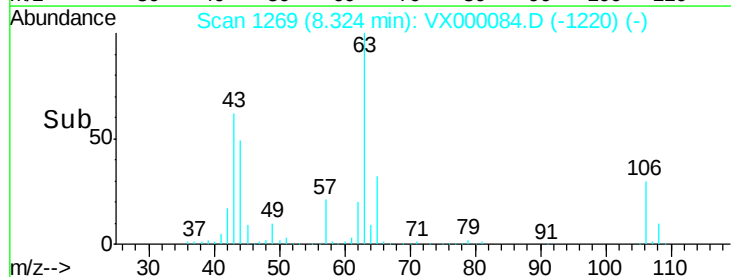
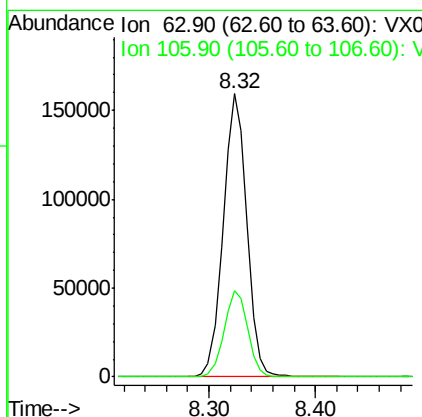
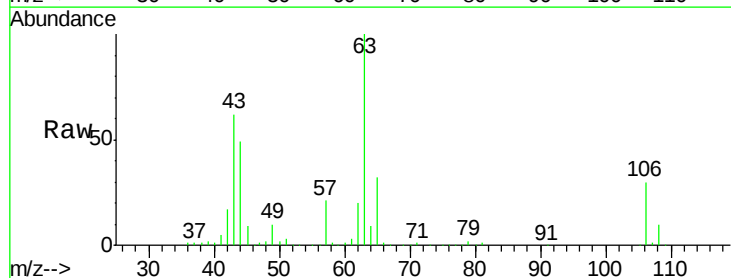
Manual Integrations
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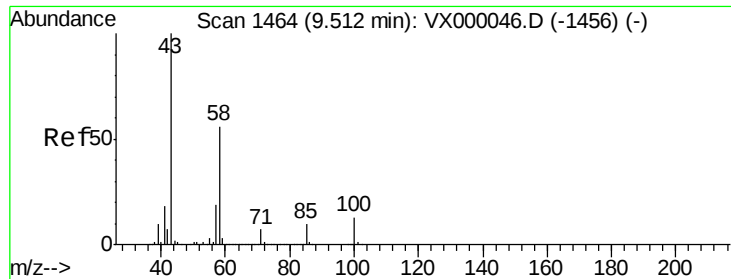
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.98 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion: 63 Resp: 245487
 Ion Ratio Lower Upper
 63 100
 106 30.7 24.7 37.1





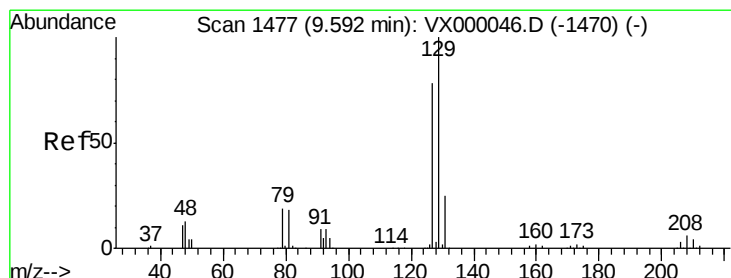
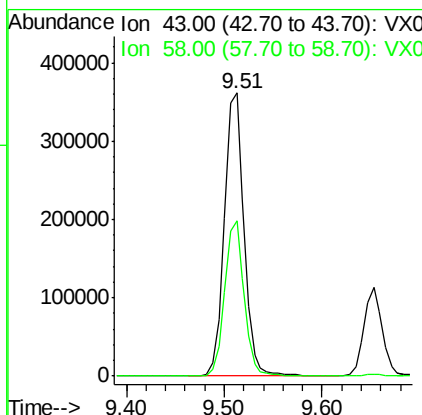
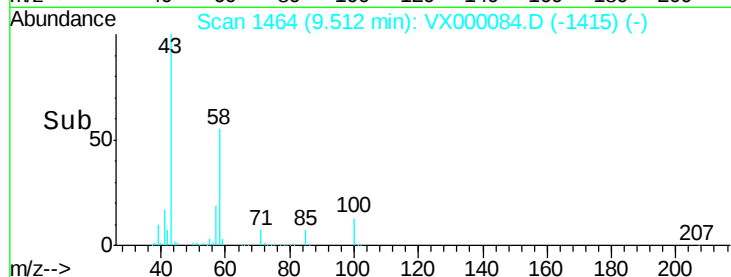
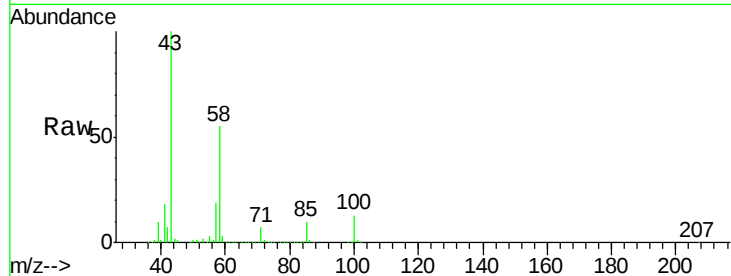
#59
2-Hexanone
Concen: 292.45 ug/l
RT: 9.51 min Scan# 1464
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 505111
Ion Ratio Lower Upper
43 100
58 54.2 27.6 82.7

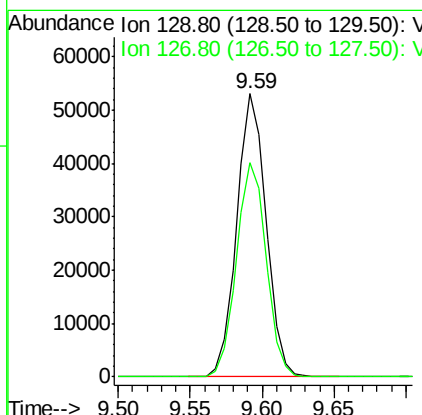
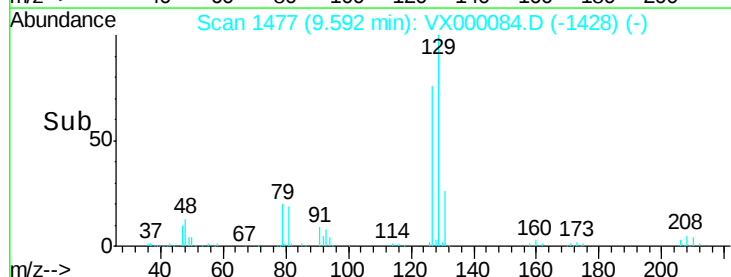
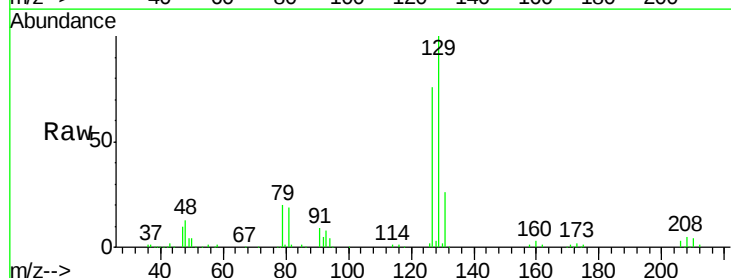
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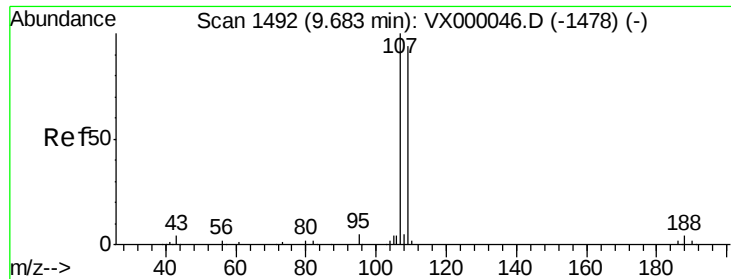
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#60
Dibromochloromethane
Concen: 52.60 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:129 Resp: 75385
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.64 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion:107 Resp: 72256

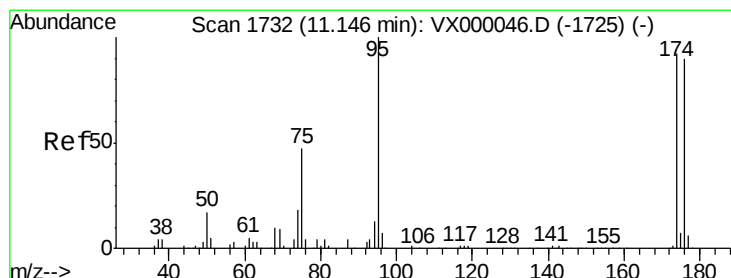
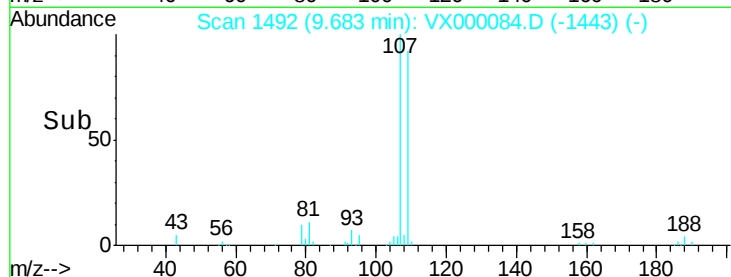
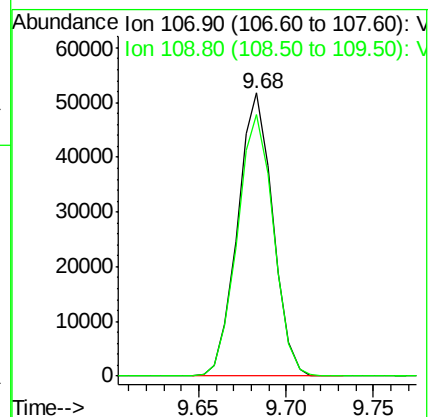
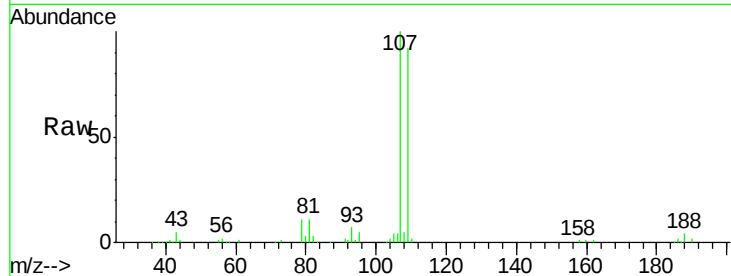
Ion Ratio Lower Upper

107 100

109 95.1 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 50.63 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

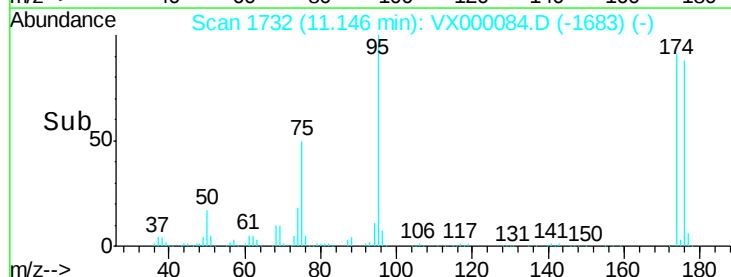
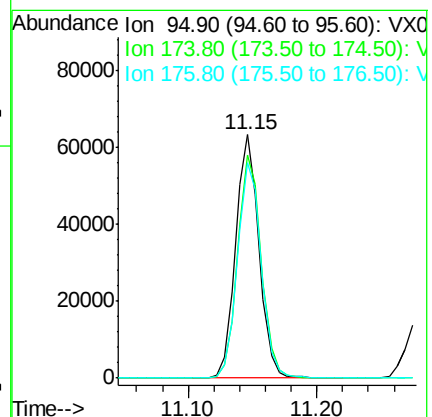
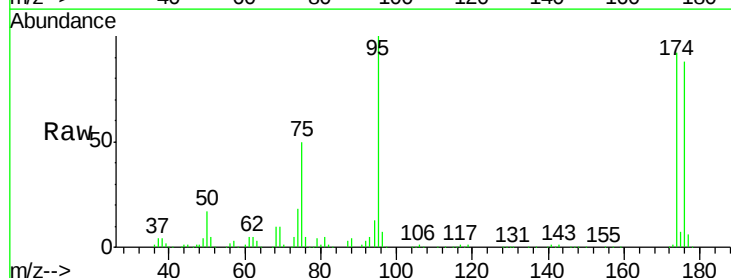
Tgt Ion: 95 Resp: 80431

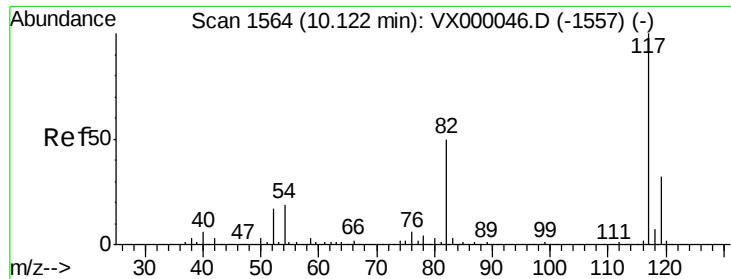
Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.6

176 89.9 0.0 181.8





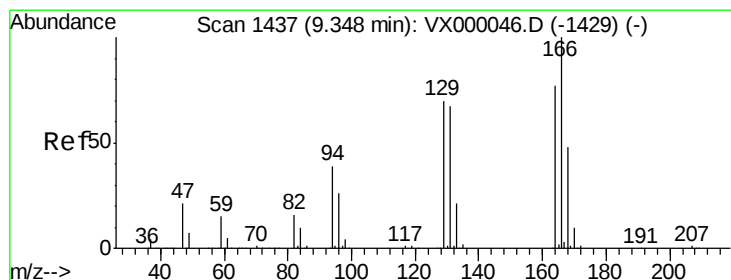
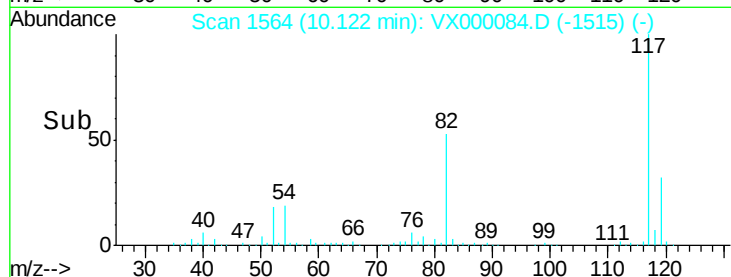
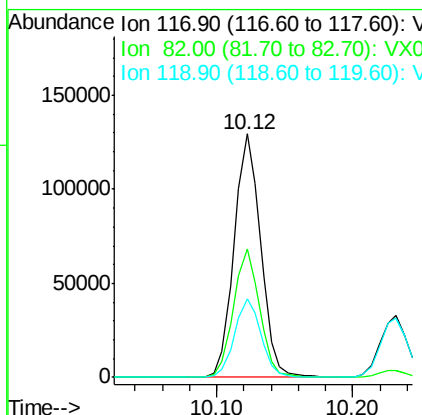
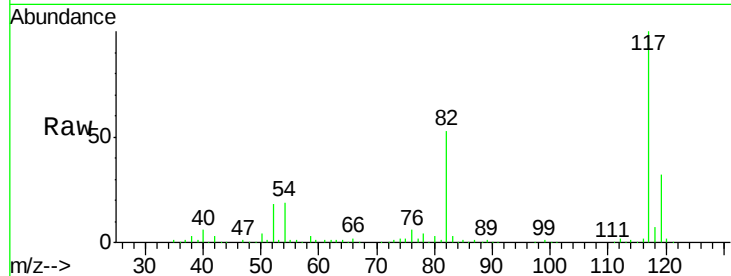
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	40.3	60.5
119	32.5	25.3	37.9

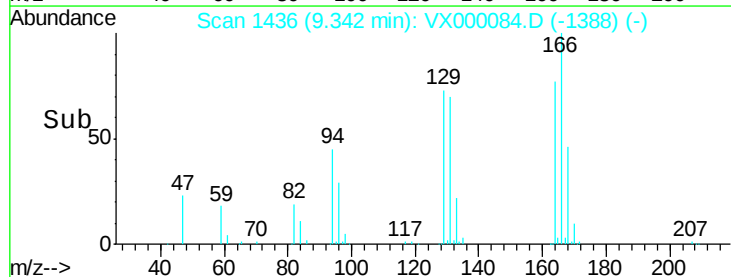
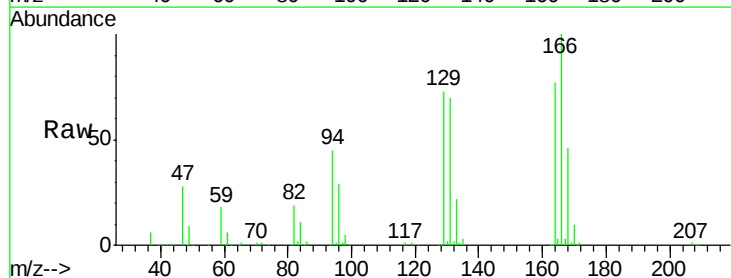
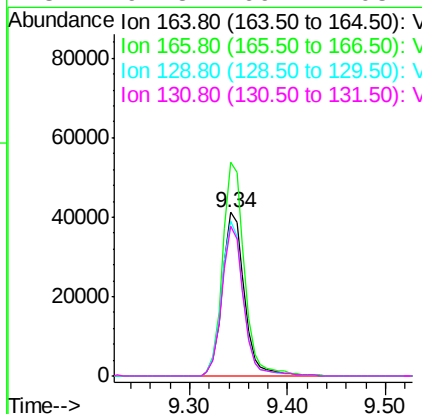
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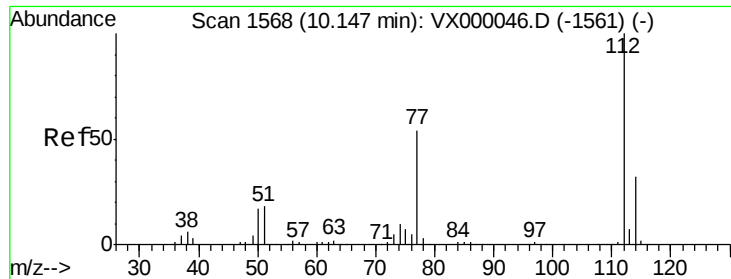
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#64
Tetrachloroethene
Concen: 49.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	103.7	155.5
129	94.9	72.2	108.4
131	91.8	69.1	103.7





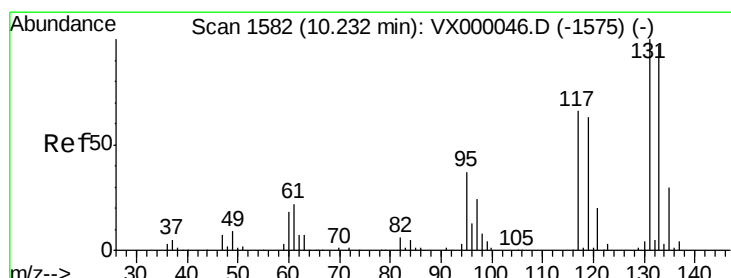
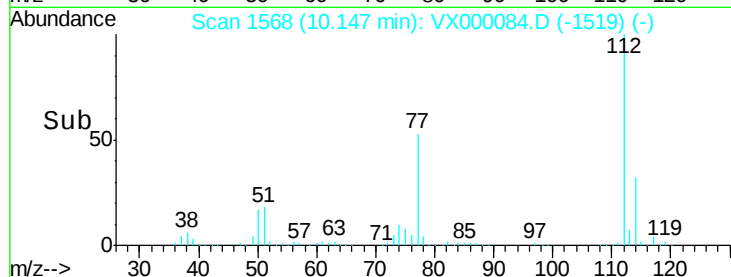
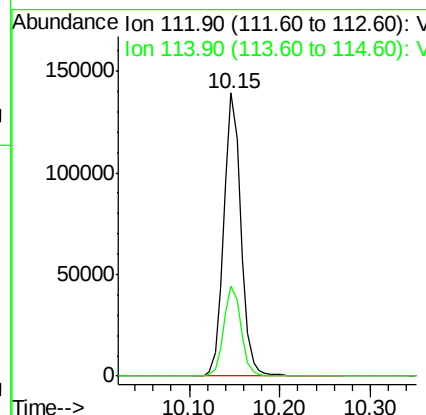
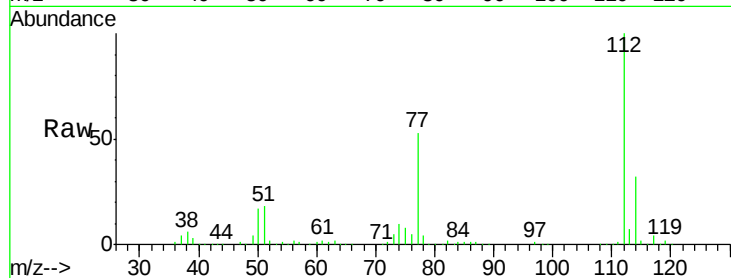
#65
Chlorobenzene
Concen: 50.25 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 184000
Ion Ratio Lower Upper
112 100
114 31.7 25.6 38.4

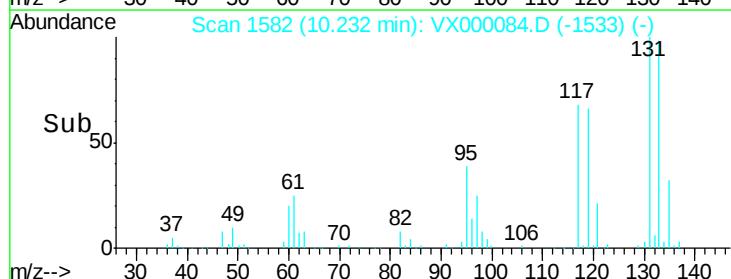
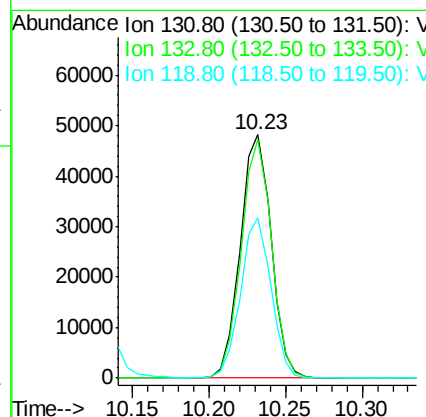
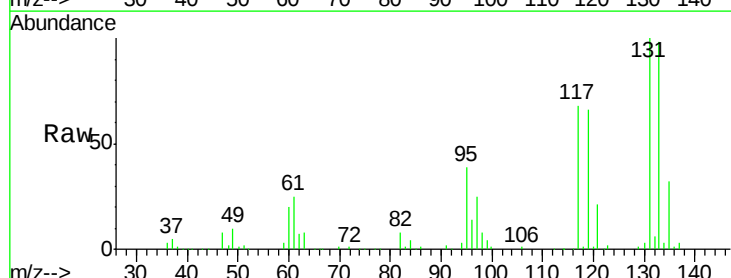
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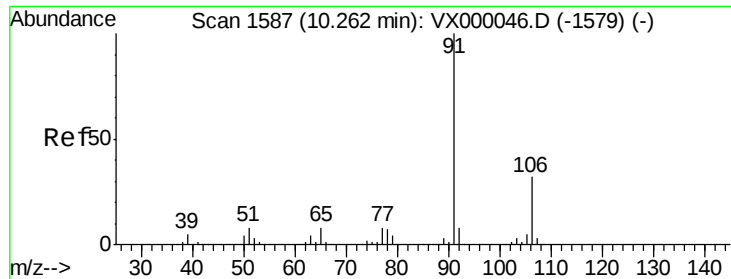
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.49 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:131 Resp: 67789
Ion Ratio Lower Upper
131 100
133 95.5 47.6 142.9
119 64.6 31.7 95.1





#67

Ethyl Benzene

Concen: 50.63 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 307288

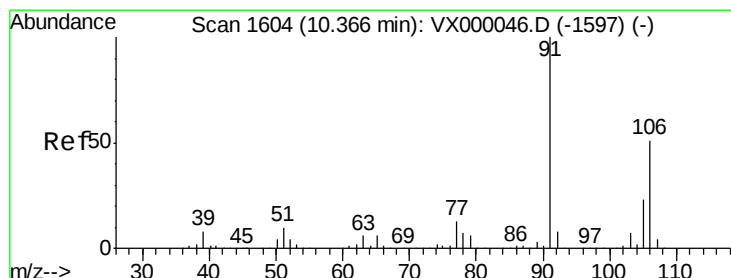
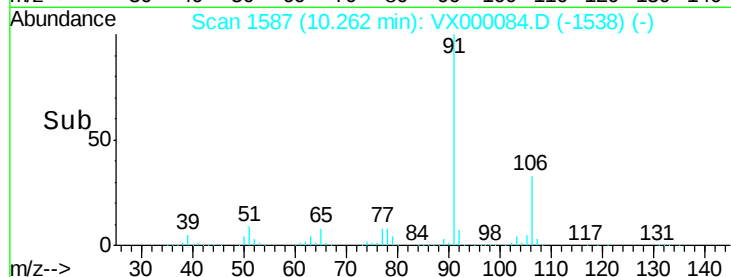
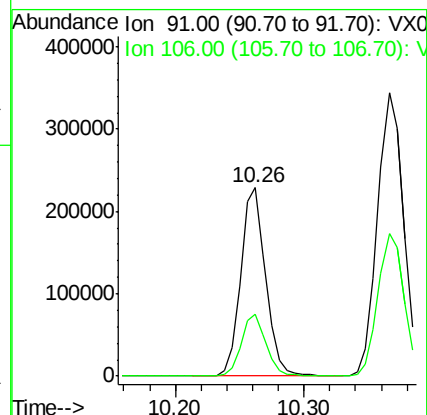
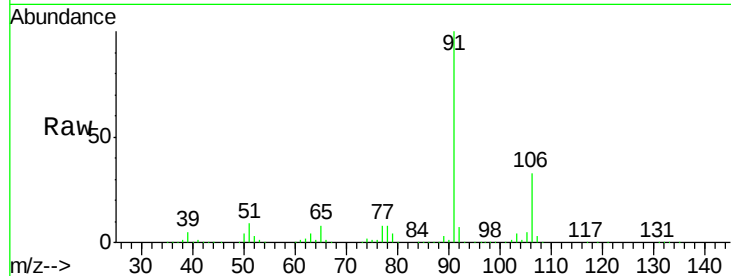
Ion Ratio Lower Upper

91 100

106 32.6 25.9 38.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 101.65 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000084.D

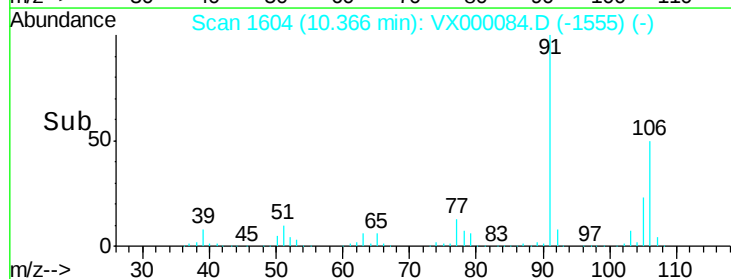
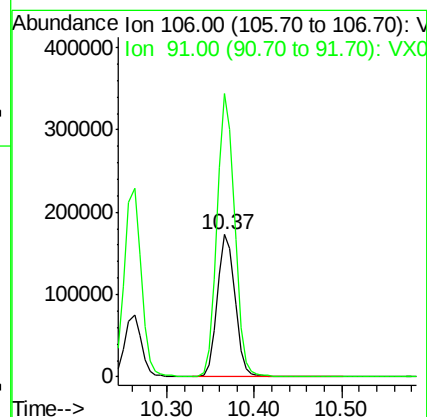
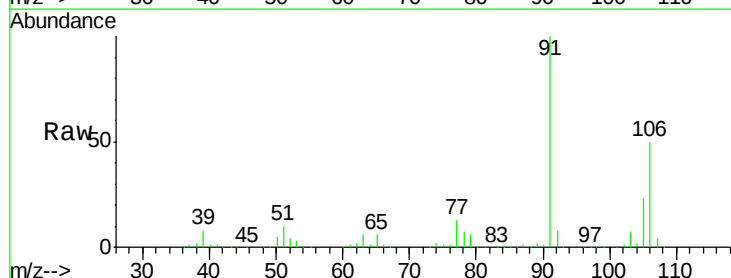
Acq: 13 Feb 2018 19:08

Tgt Ion: 106 Resp: 245740

Ion Ratio Lower Upper

106 100

91 197.1 158.3 237.5





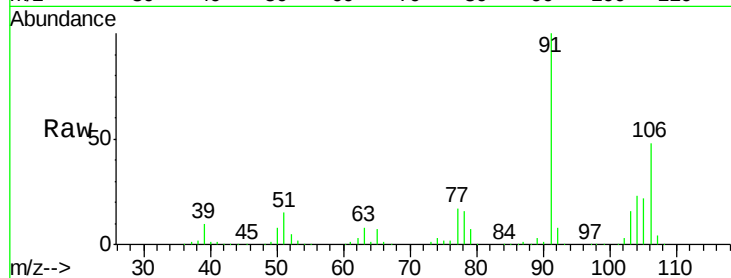
#69
o-Xylene
Concen: 51.04 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
Client Sampled :
VSTDCCC050EC

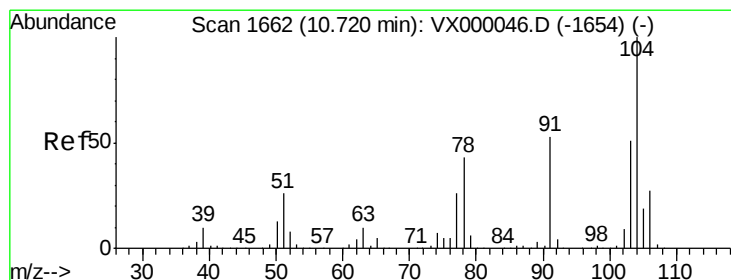
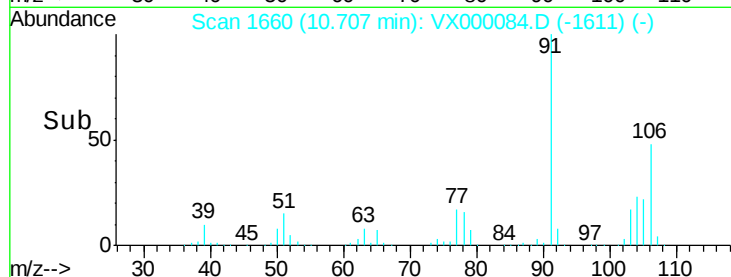
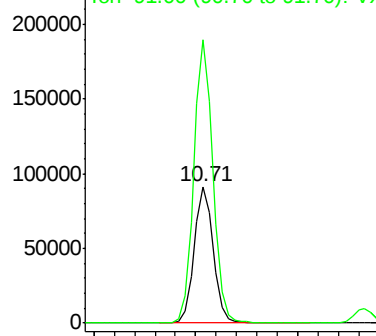
Tot Ion:106 Resp: 119112
Ion Ratio Lower Upper
106 100
91 207.6 104.0 312.0

Manual Integrations
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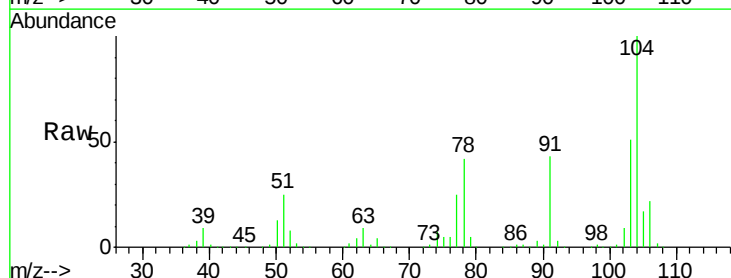


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

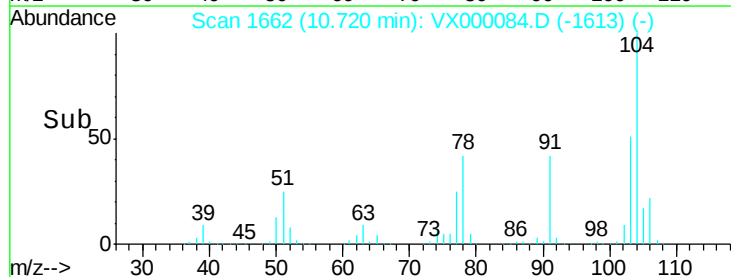
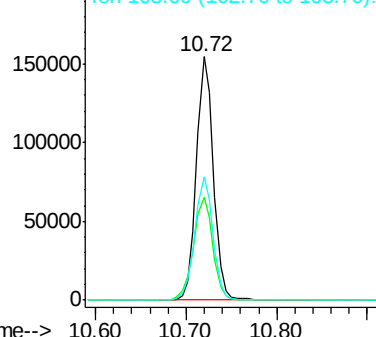


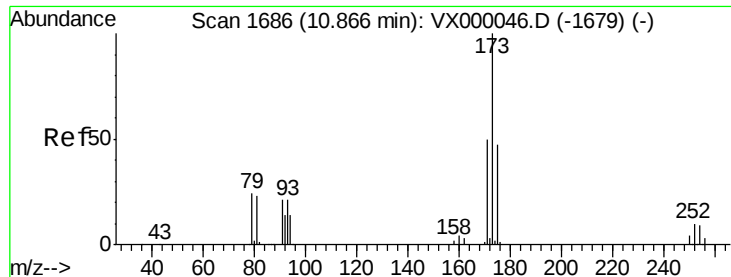
#70
Styrene
Concen: 51.24 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion:104 Resp: 201973
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 54.6 44.0 66.0



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





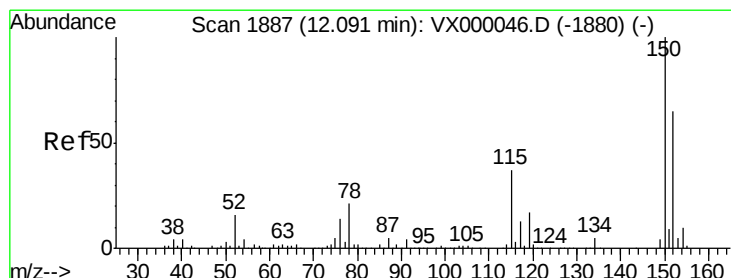
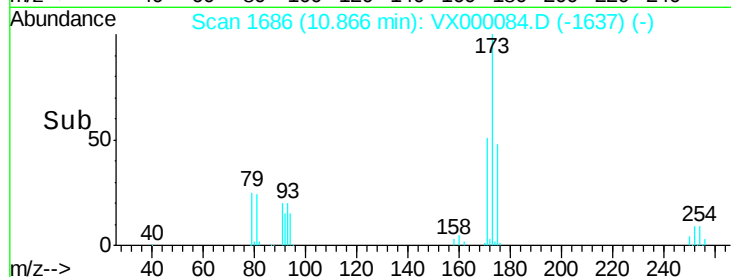
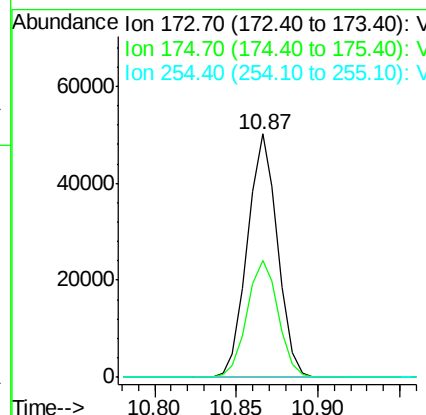
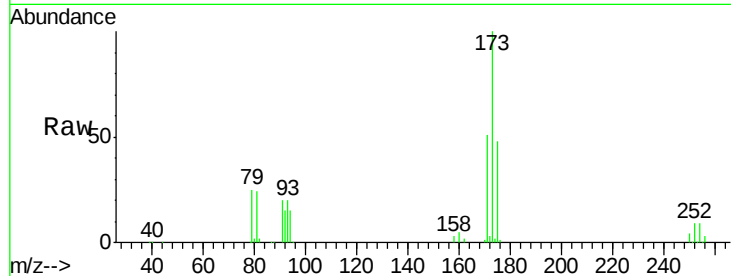
#71
Bromoform
Concen: 51.90 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.8
254	0.1	0.1	0.1

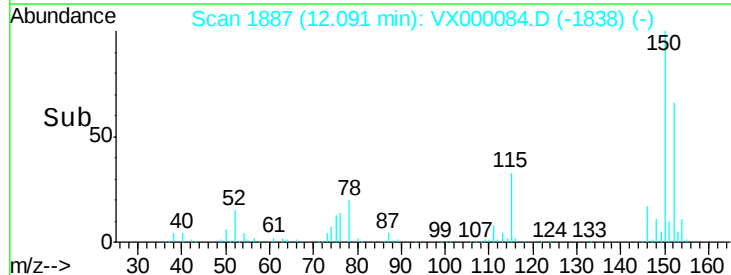
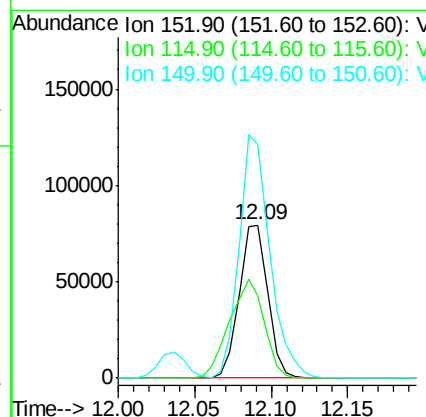
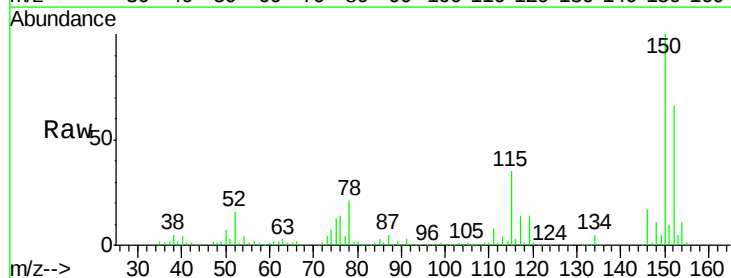
Manual Integrations
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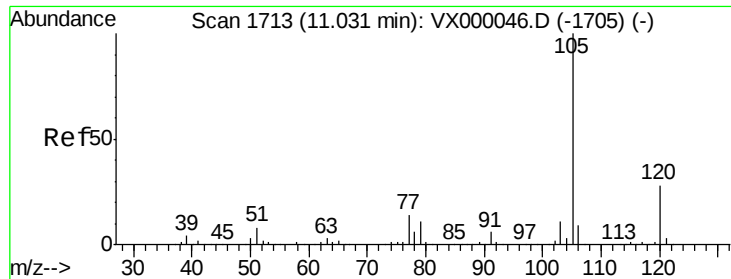
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	39.3	117.8
150	172.4	0.0	349.2





#73

Isopropylbenzene

Concen: 48.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 105 Resp: 318081

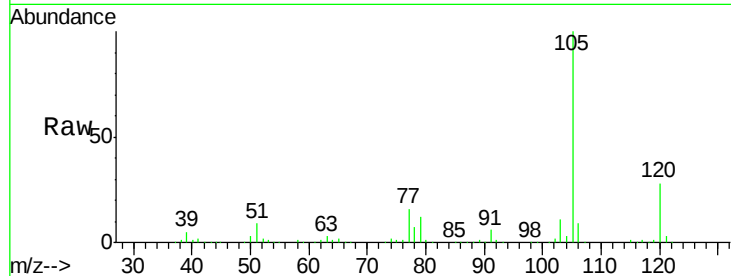
Ion Ratio Lower Upper

105 100

120 27.7 13.8 41.3

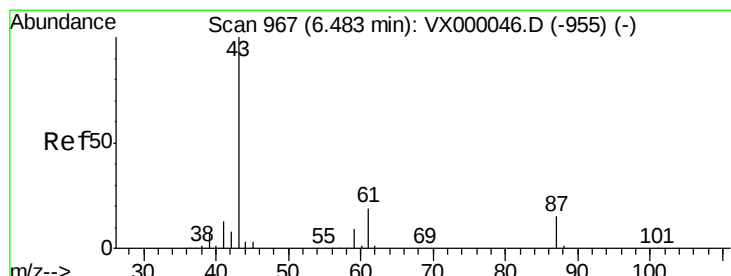
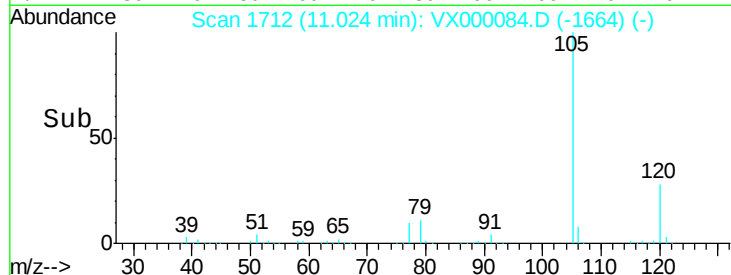
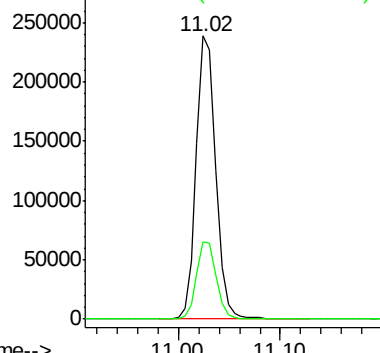
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.39 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion: 43 Resp: 157753

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

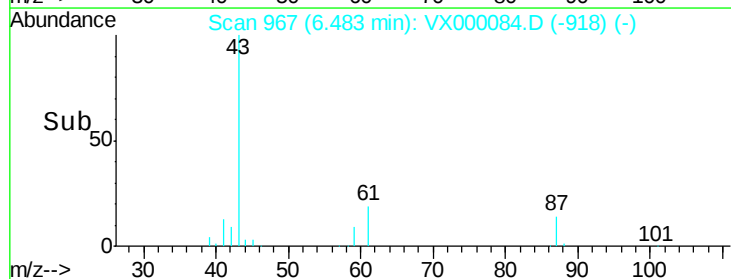
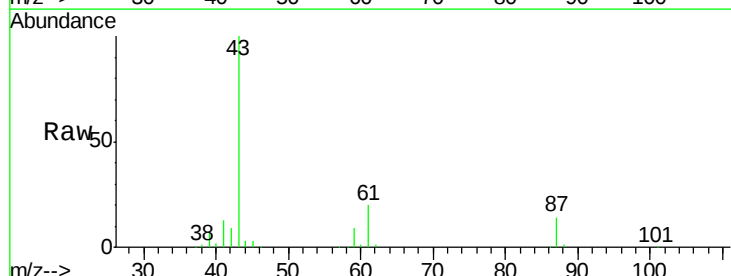
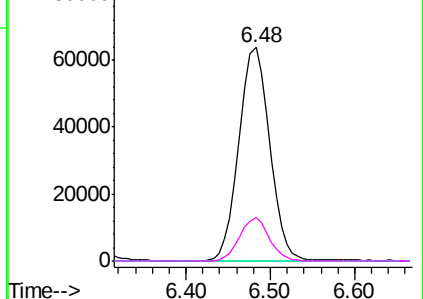
61 19.4 15.9 23.9

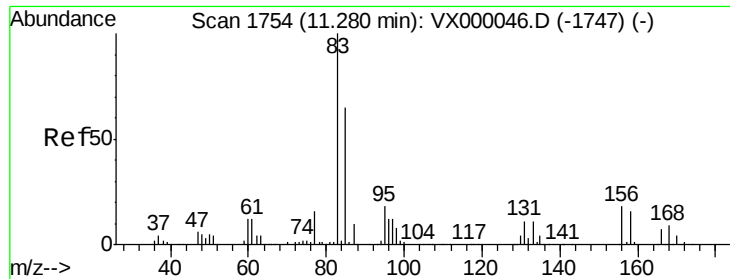
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.22 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

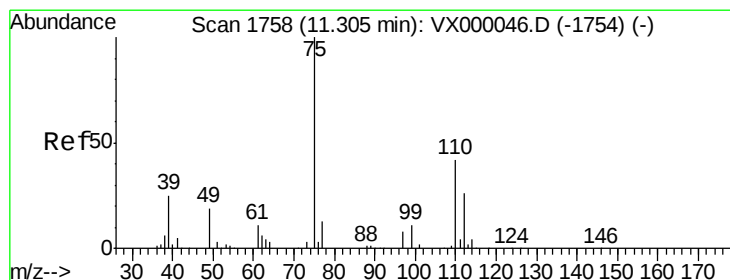
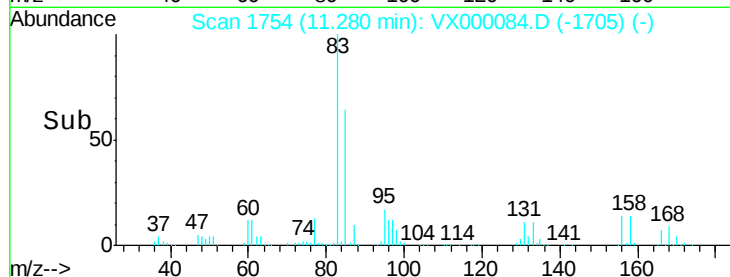
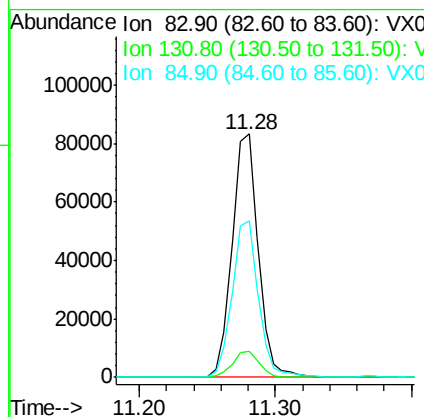
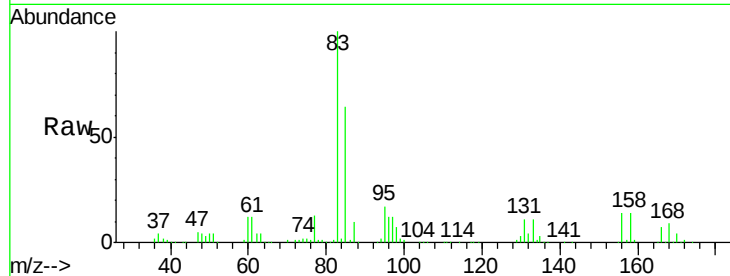
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	111292
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.7
85	64.6	32.6	97.7

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#76

1,2,3-Trichloropropane

Concen: 52.08 ug/l m

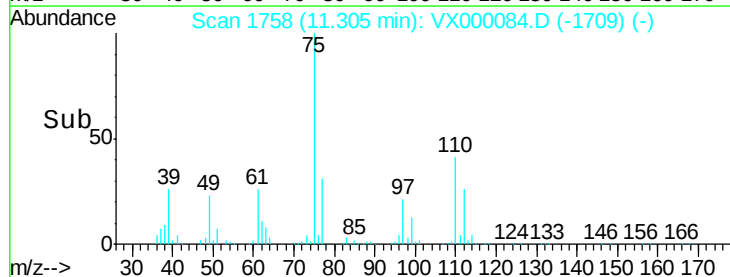
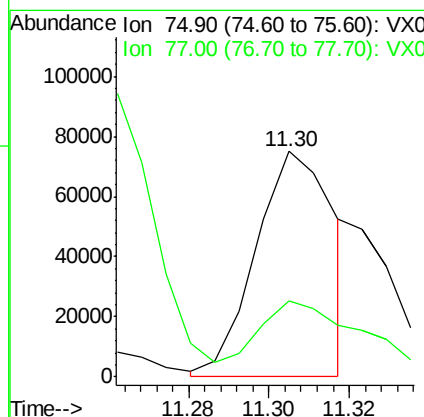
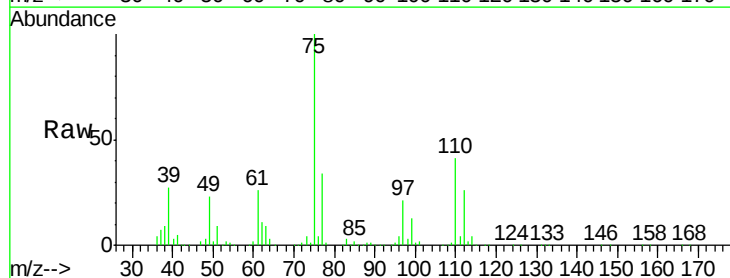
RT: 11.30 min Scan# 1758

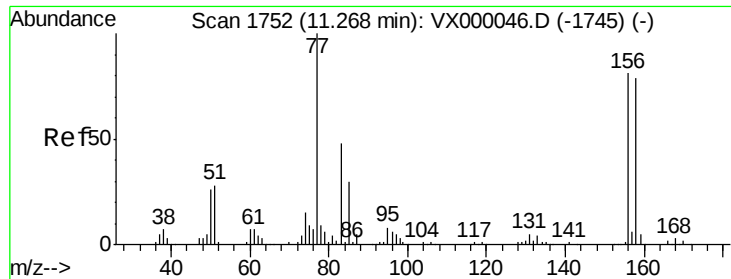
Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	75	Resp:	100688
Ion Ratio	Lower	Upper	
75	100		
77	45.9	23.7	71.1





#77

Bromobenzene

Concen: 49.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

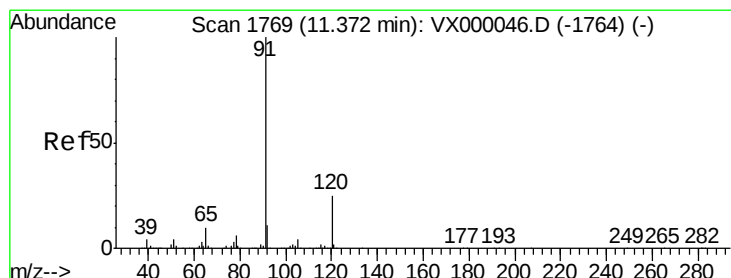
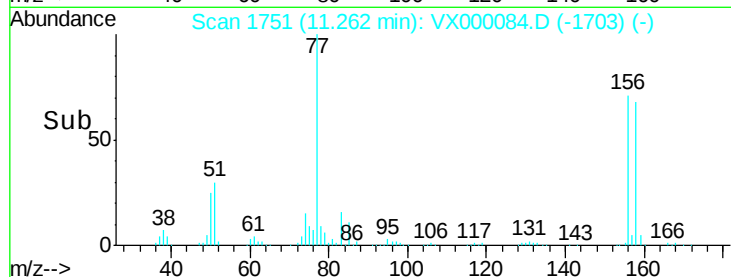
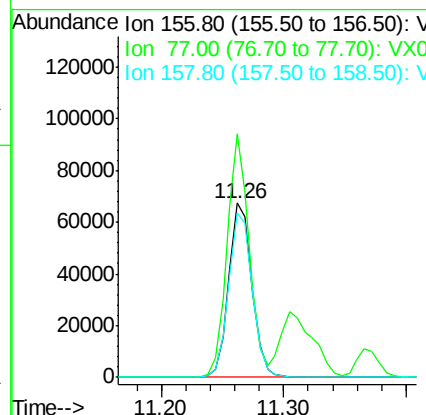
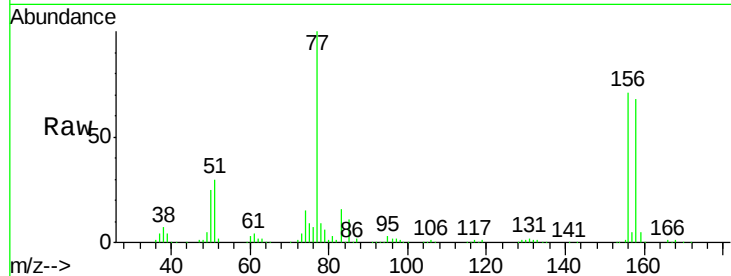
ClientSampled :

VSTDCCC050EC

Tot Ion:	156	Resp:	88088
Ion Ratio	Lower	Upper	
156	100		
77	132.9	66.2	198.6
158	96.6	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 49.47 ug/l

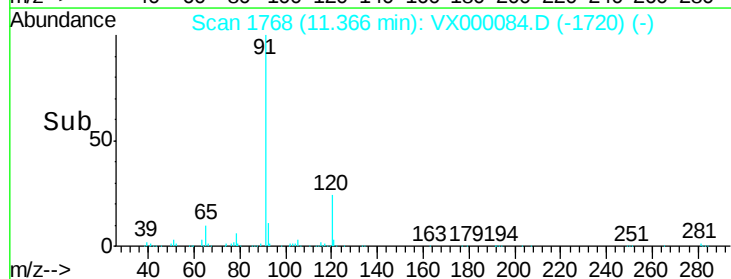
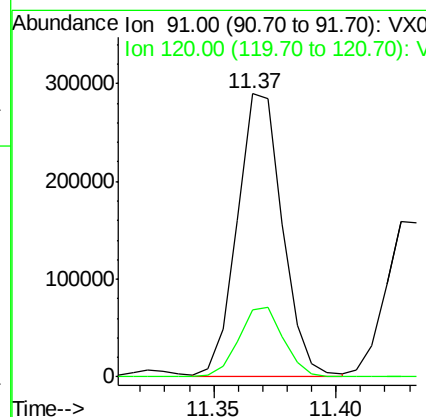
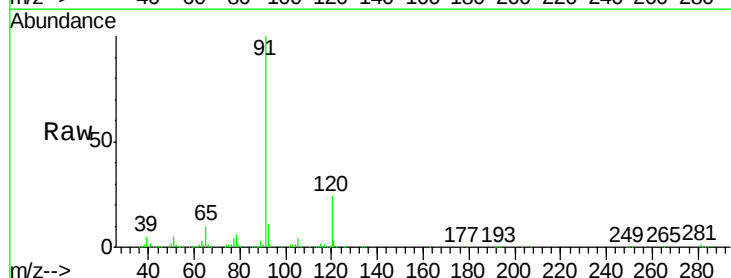
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	91	Resp:	373641
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.2	36.6





#79

2-Chlorotoluene

Concen: 49.09 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 214369

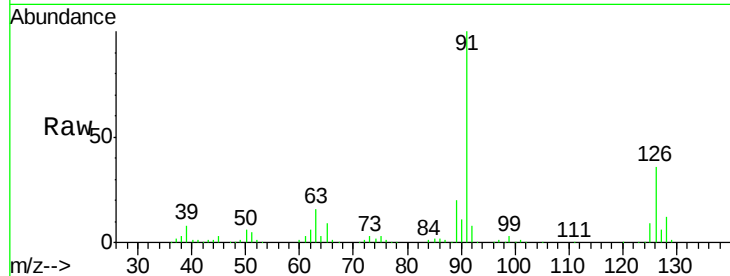
Ion Ratio Lower Upper

91 100

126 37.1 18.2 54.6

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

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

300000

200000

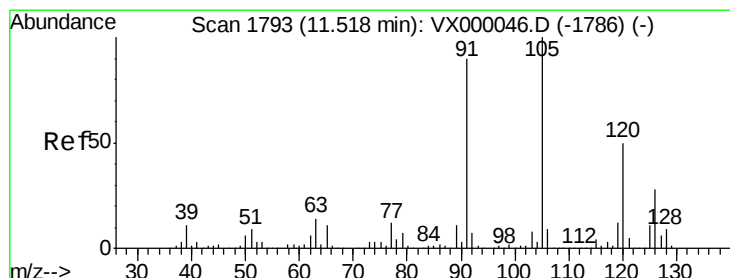
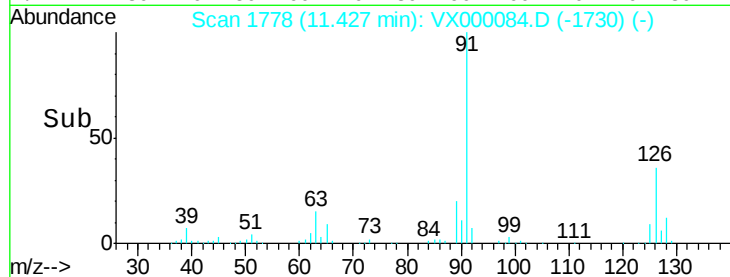
100000

0

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.69 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000084.D

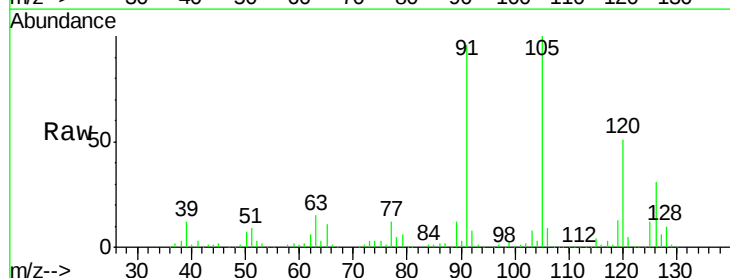
Acq: 13 Feb 2018 19:08

Tgt Ion: 105 Resp: 271146

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.3



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

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

250000

200000

150000

100000

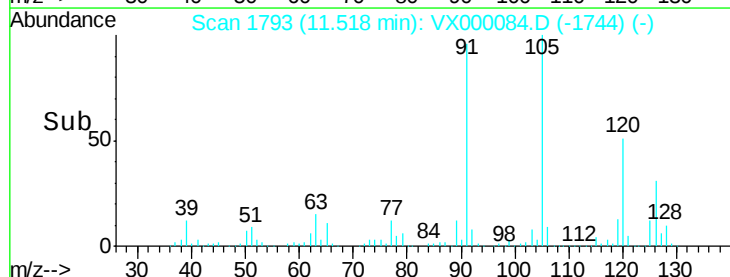
50000

0

11.52

11.60

Time-->





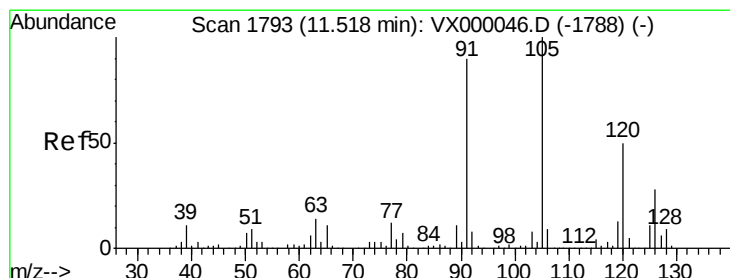
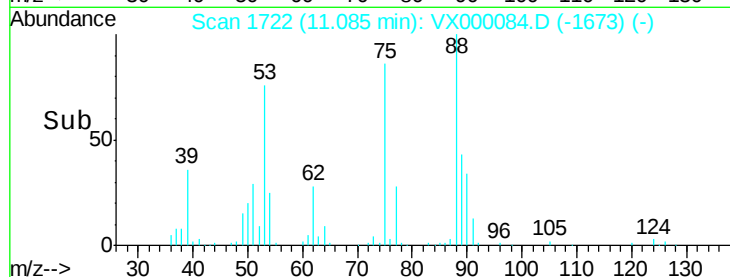
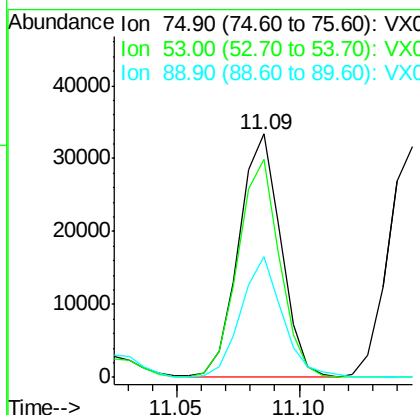
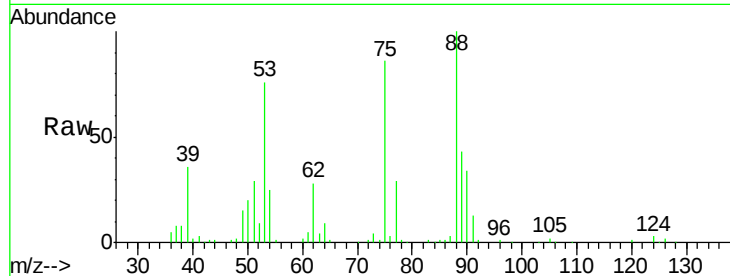
#81
trans-1,4-Dichloro-2-butene
Concen: 50.77 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.6	70.3	105.5
89	50.0	48.6	72.8

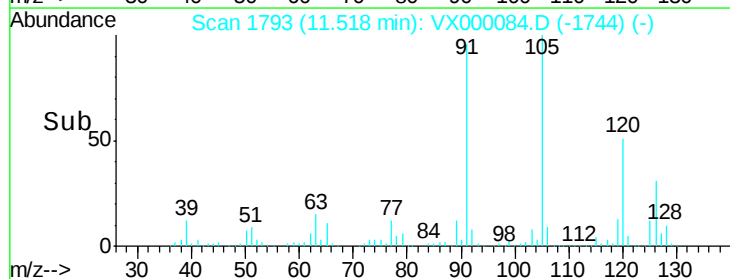
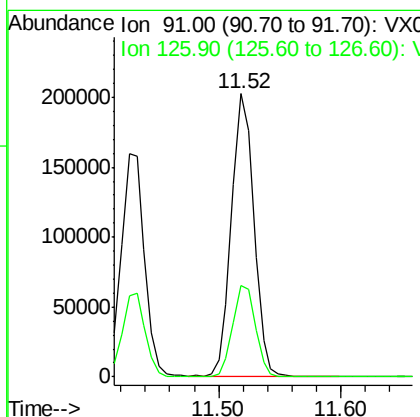
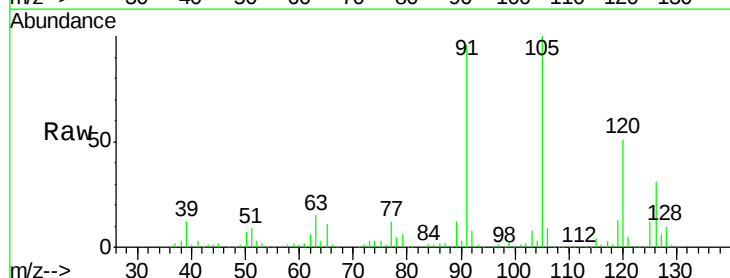
Manual Integrations
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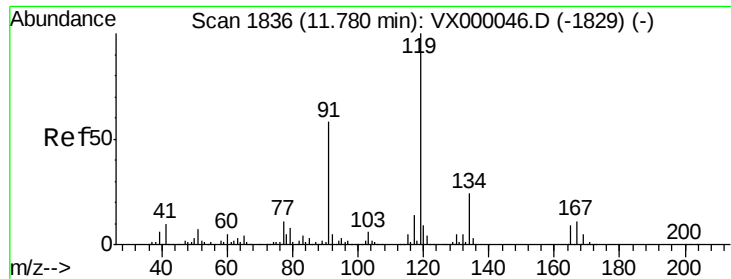
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.36 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.3	48.8





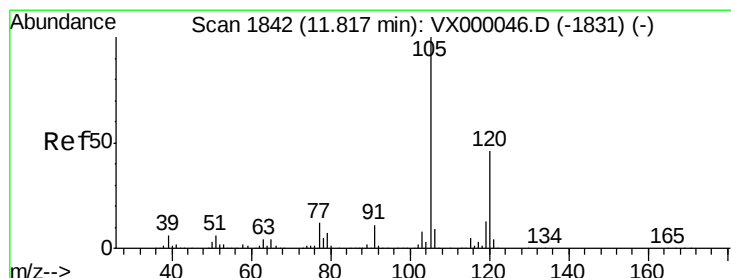
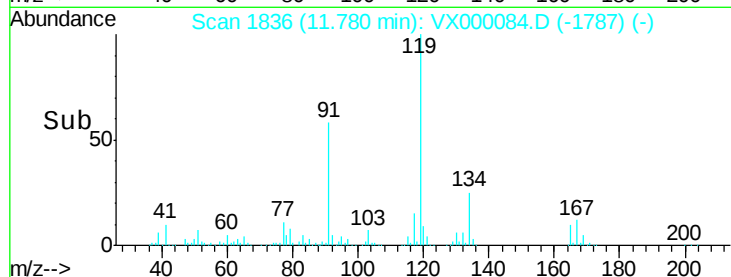
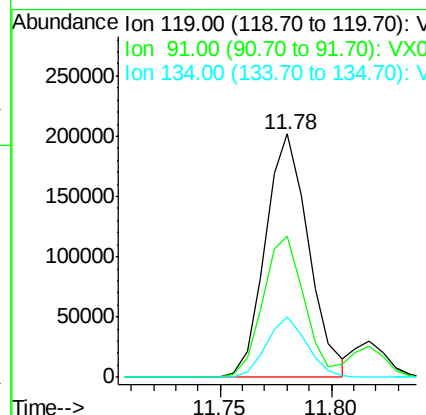
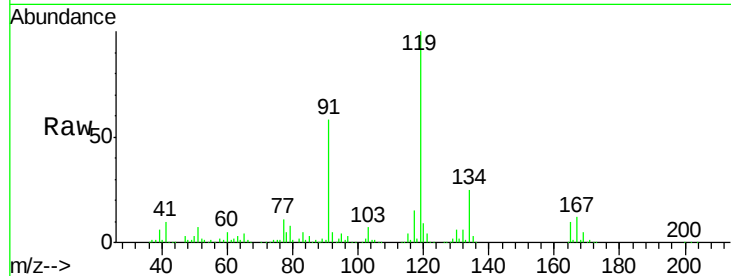
#83
tert-Butylbenzene
Concen: 49.48 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.9	83.7
134	23.2	11.7	35.1

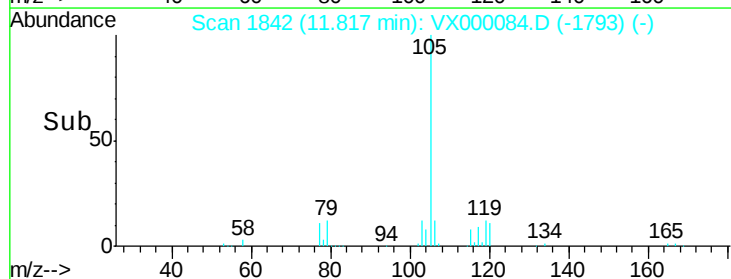
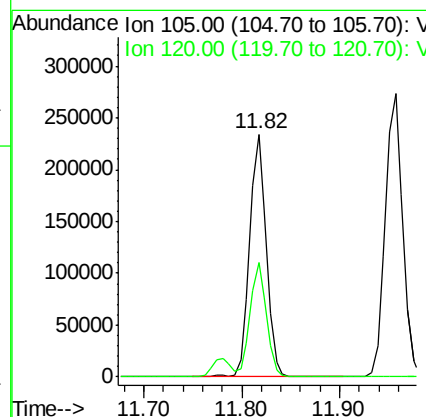
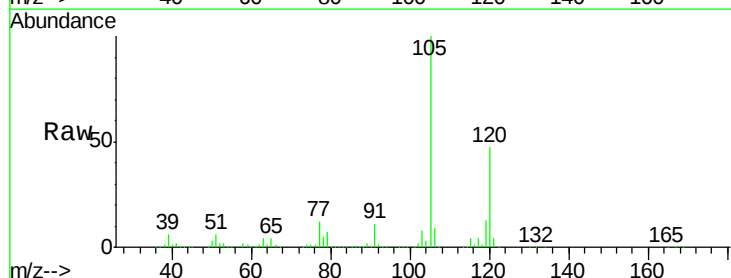
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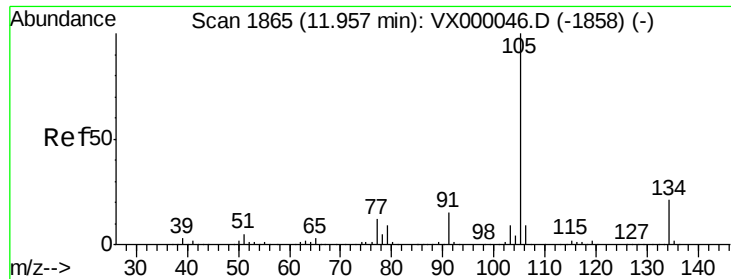
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#84
1,2,4-Trimethylbenzene
Concen: 49.58 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.4	70.2





#85

sec-Butylbenzene

Concen: 49.73 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

ClientSampled :

VSTDCCC050EC

Tot Ion:105 Resp: 337406

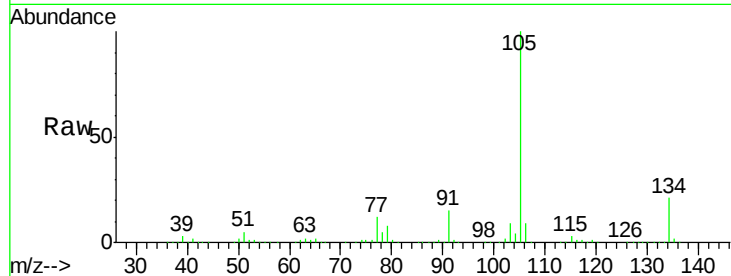
Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8

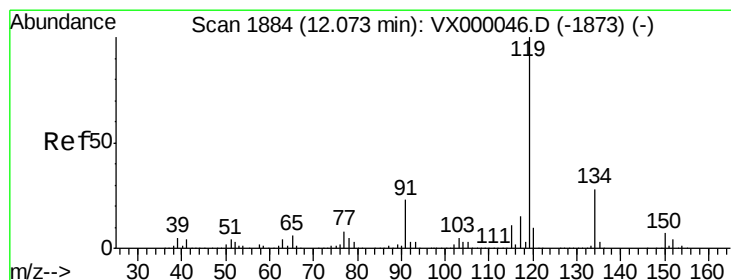
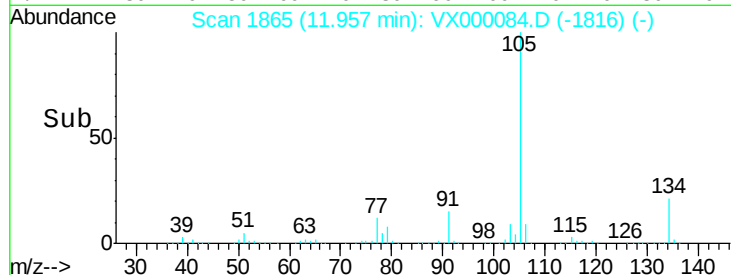
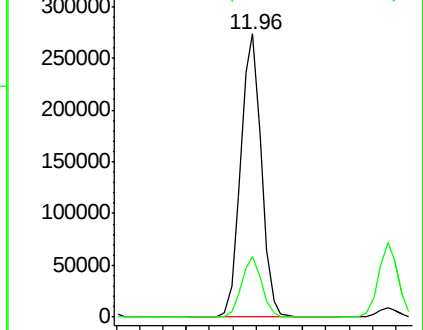
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.15 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

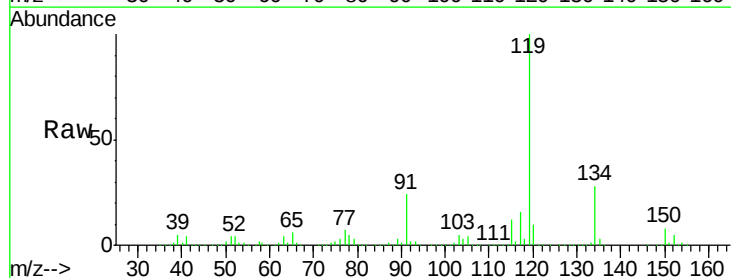
Tgt Ion:119 Resp: 299861

Ion Ratio Lower Upper

119 100

134 27.8 14.0 41.9

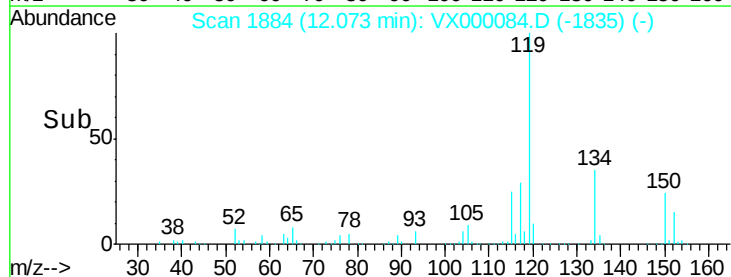
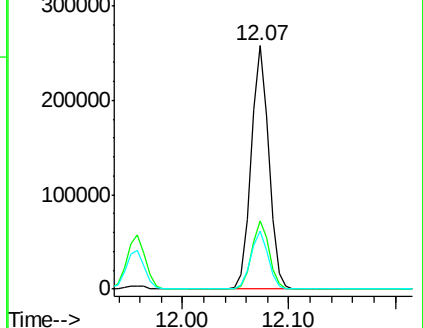
91 23.6 11.6 34.7

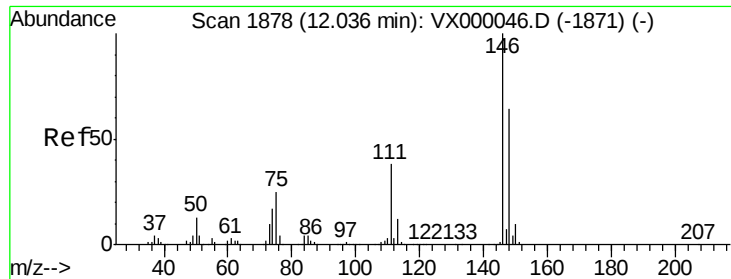


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





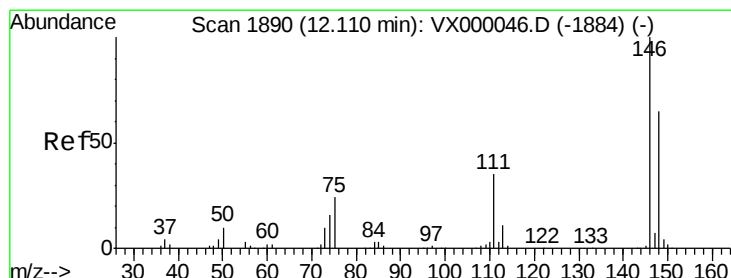
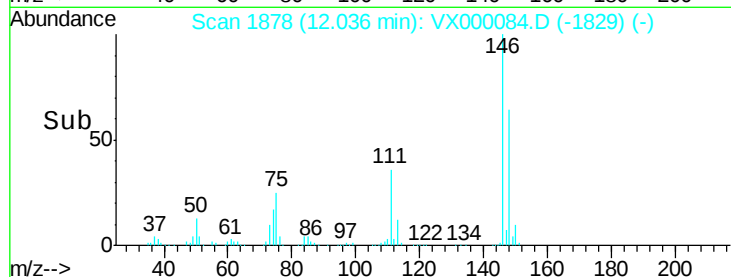
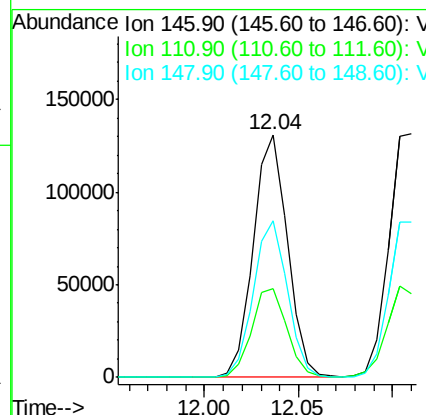
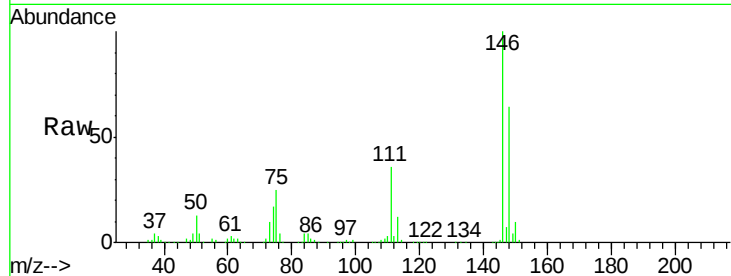
#87
 1,3-Dichlorobenzene
 Concen: 49.43 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	164587		
111	37.8	18.9	56.9	
148	64.3	31.8	95.4	

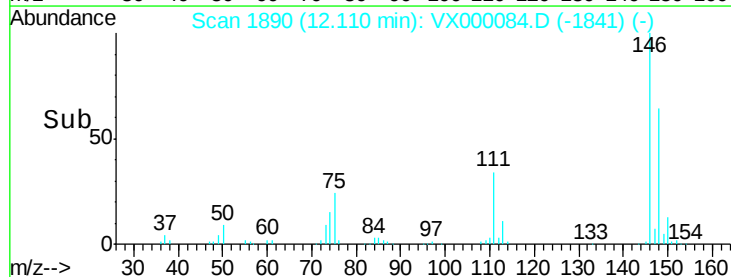
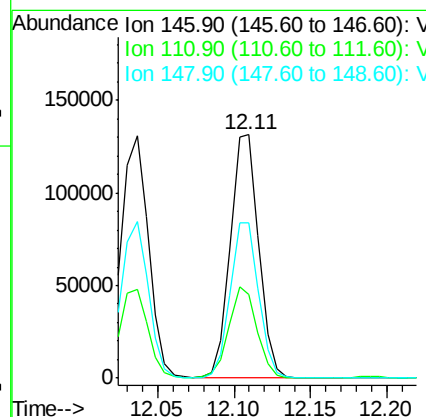
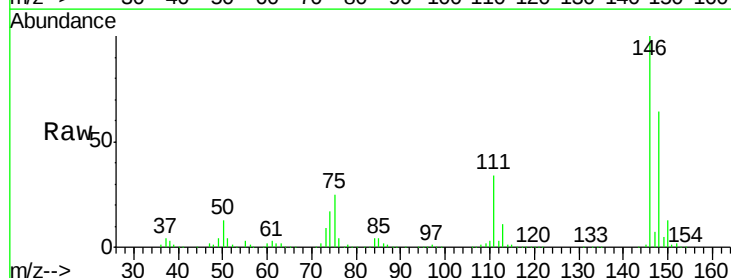
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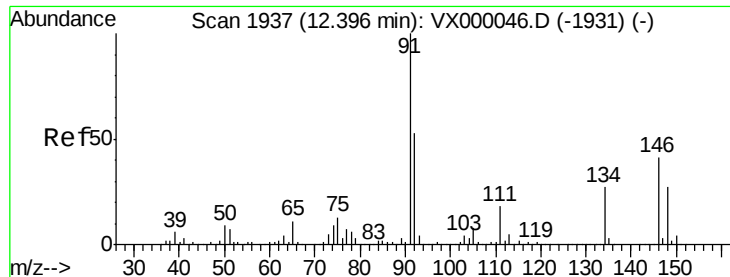
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#88
 1,4-Dichlorobenzene
 Concen: 49.68 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169293		
111	37.0	18.7	56.1	
148	64.0	32.1	96.5	





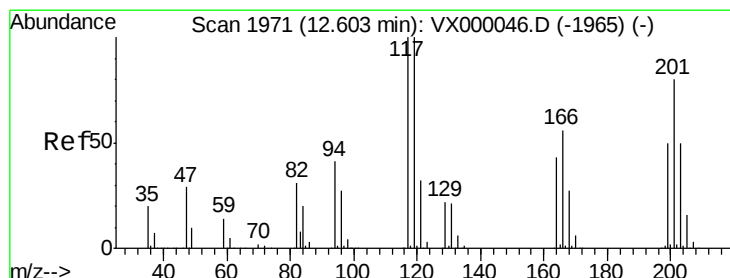
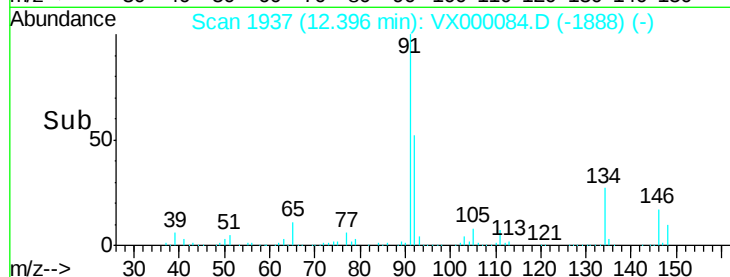
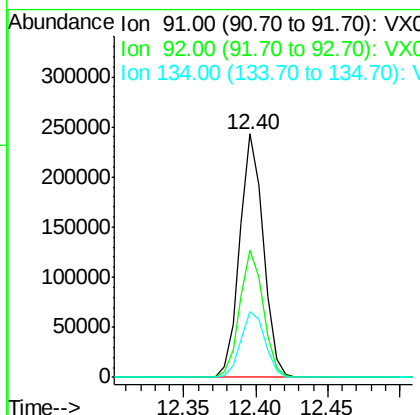
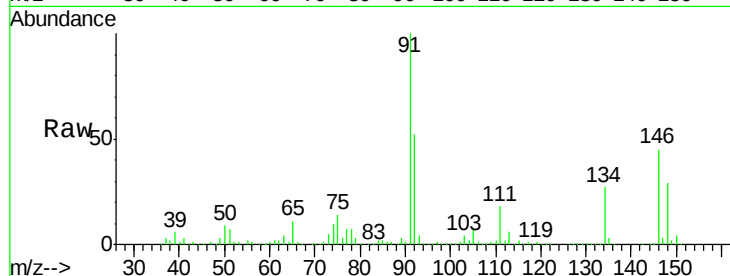
#89
n-Butylbenzene
Concen: 48.51 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Instrument :
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.2
134	27.9	14.1	42.2

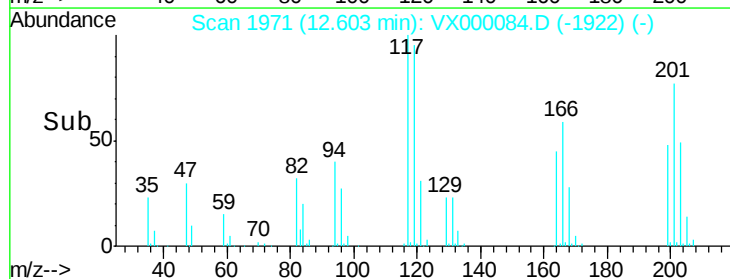
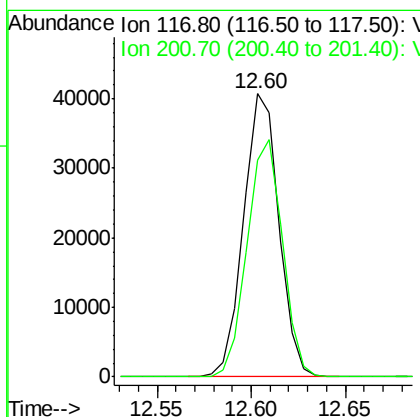
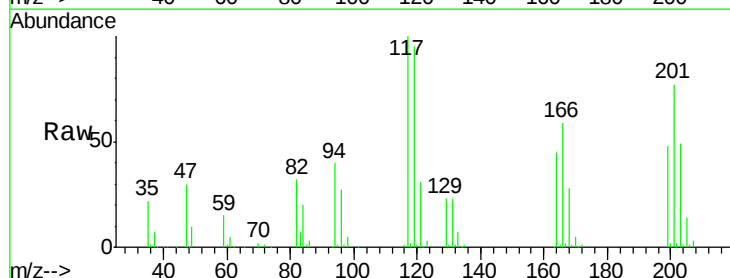
Manual Integrations
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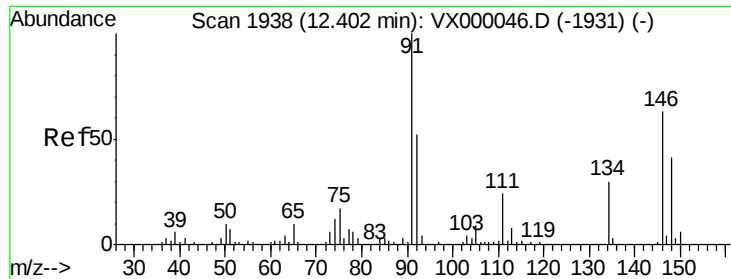
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#90
Hexachloroethane
Concen: 49.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000084.D
Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 49.37 ug/l

RT: 12.40 min Scan# 1938

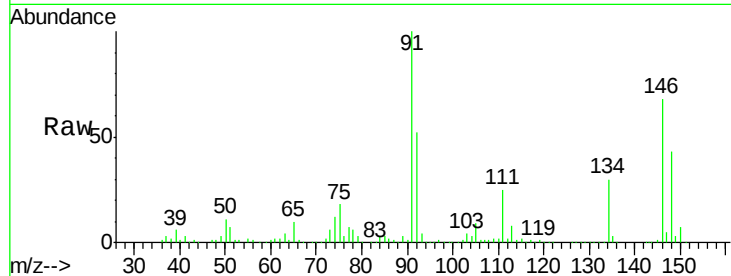
Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

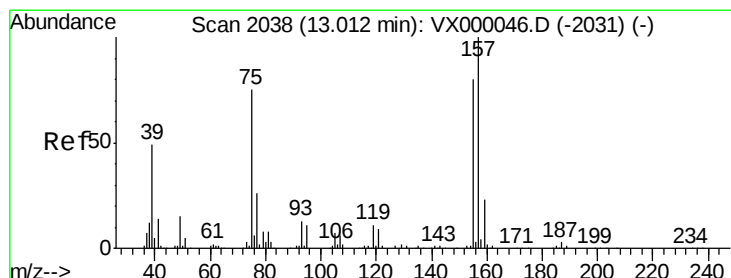
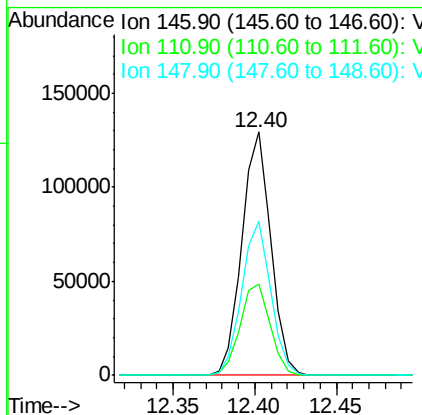
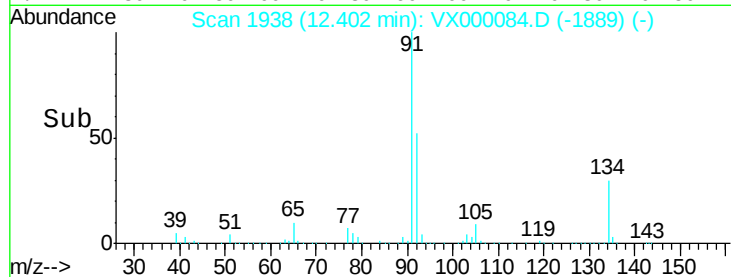
ClientSampled :
VSTDCCC050EC



Tot Ion:	146	Resp:	160841
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.4	58.2
148	63.5	32.0	96.2

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.45 ug/l

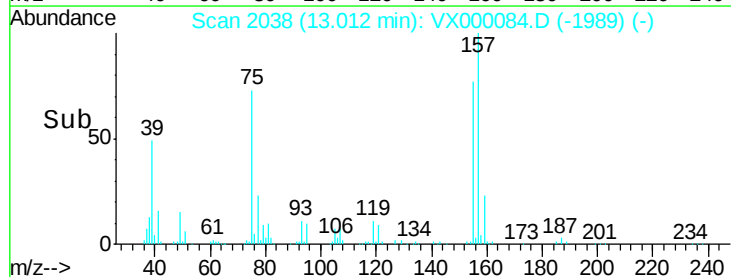
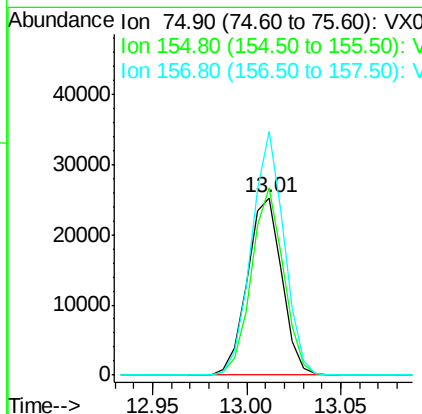
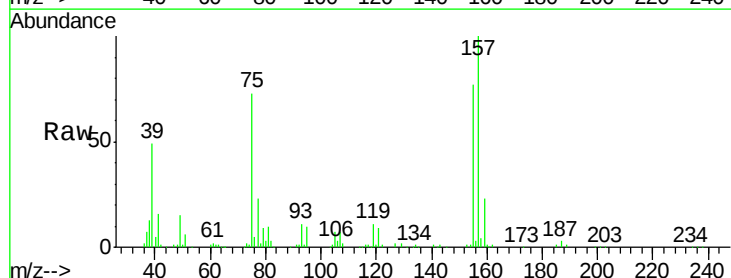
RT: 13.01 min Scan# 2038

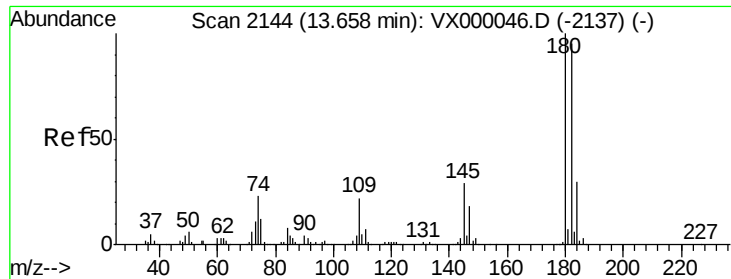
Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	75	Resp:	32008
Ion Ratio	Lower	Upper	
75	100		
155	98.8	52.0	156.0
157	129.0	65.3	195.9





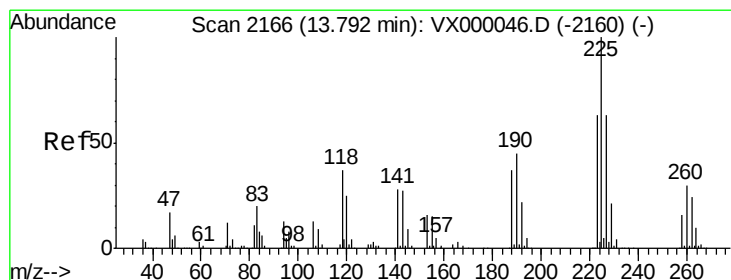
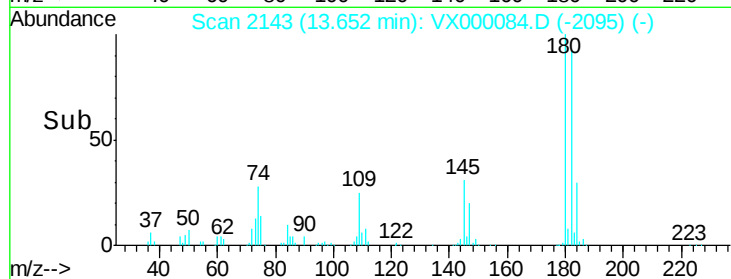
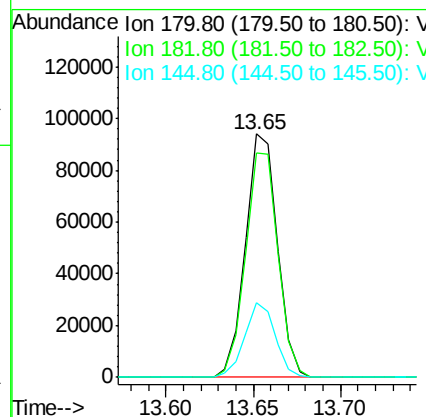
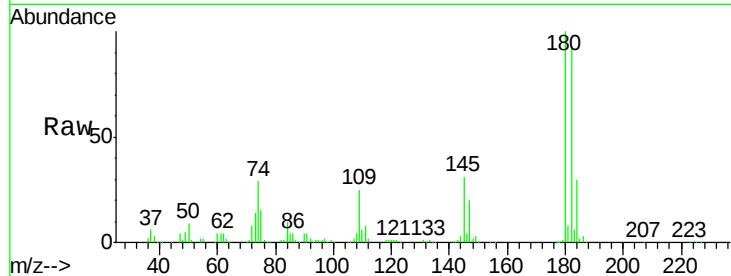
#93
 1,2,4-Trichlorobenzene
 Concen: 47.82 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Instrument :
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119173		
182	94.1	48.0	144.0	
145	29.5	14.7	44.1	

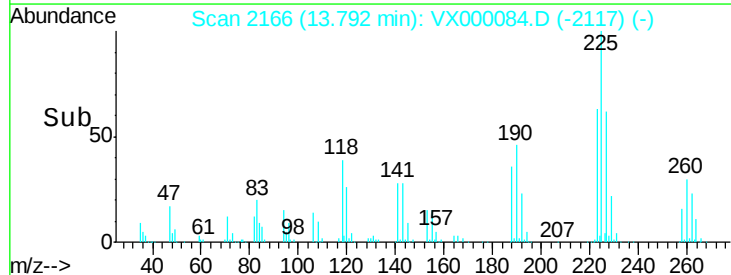
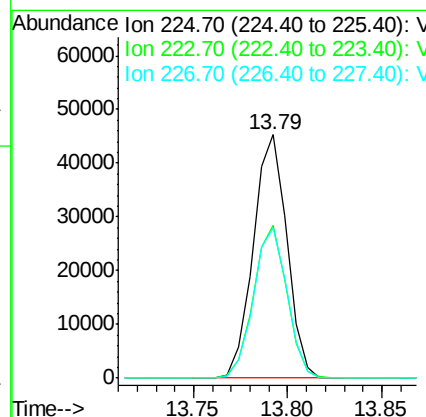
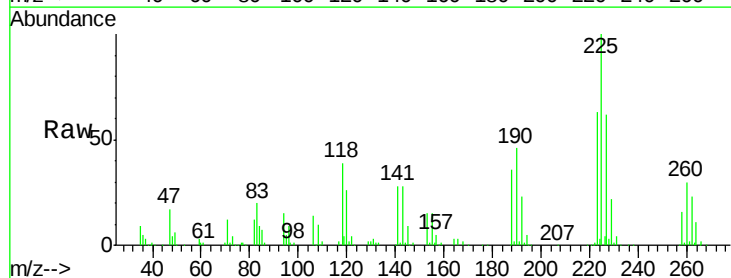
Manual Integrations
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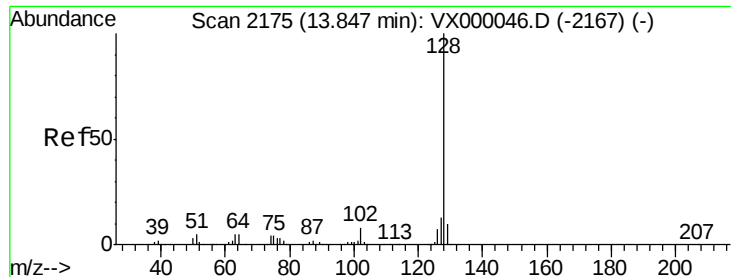
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#94
 Hexachlorobutadiene
 Concen: 47.45 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000084.D
 Acq: 13 Feb 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55778		
223	62.4	31.9	95.5	
227	61.8	31.6	95.0	





#95

Naphthalene

Concen: 50.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Instrument :

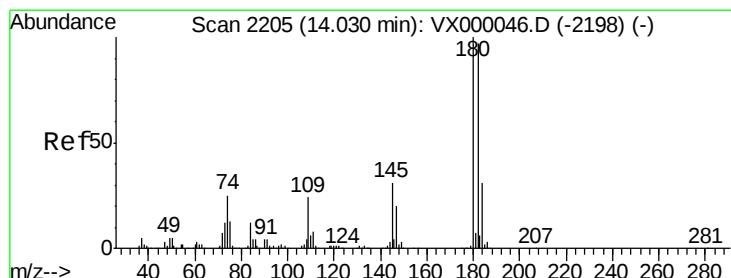
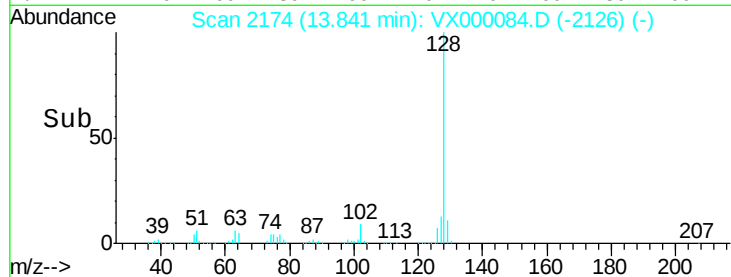
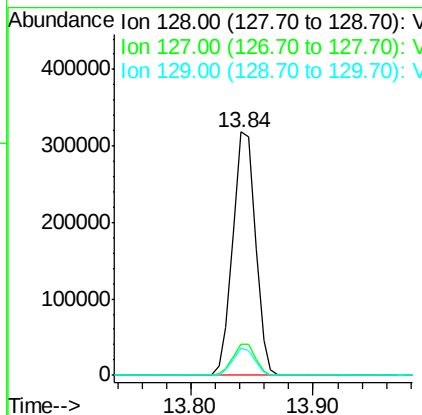
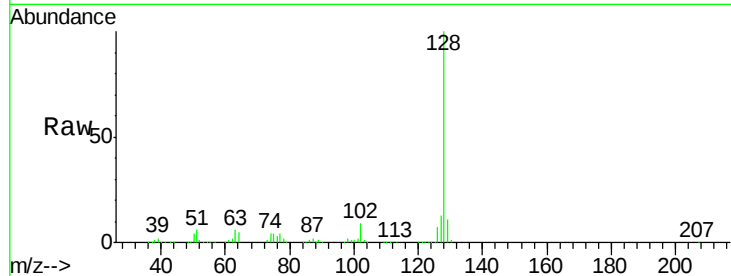
ClientSampled :

VSTDCCC050EC

Tot Ion:	128	Resp:	406300
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.46 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000084.D

Acq: 13 Feb 2018 19:08

Tgt Ion:	180	Resp:	117508
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.9	143.7
145	31.5	15.7	47.0

