

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000063.D
 Acq On : 12 Feb 2018 13:58
 Operator : JC/MD
 Sample : MDL 01 0.75PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 11:44:42 AM

Quant Time: Feb 16 11:35:39 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	126584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	203219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191232	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	104994	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	69102	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	57960	48.85	ug/l	0.00
Spiked Amount			Recovery	=	97.70%	
50) Toluene-d8	8.73	98	216647	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.15	95	87091	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1026	0.89	ug/l	96
3) Chloromethane	1.32	50	955	0.82	ug/l #	82
4) Vinyl Chloride	1.41	62	1050	0.80	ug/l #	81
5) Bromomethane	1.65	94	1197	1.70	ug/l #	69
6) Chloroethane	1.73	64	1021m	1.29	ug/l	
7) Trichlorofluoromethane	1.94	101	2006	0.87	ug/l	86
8) Diethyl Ether	2.20	74	670	0.81	ug/l	63
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1212	0.94	ug/l	87
10) Methyl Iodide	2.52	142	1037	2.33	ug/l #	94
11) Tert butyl alcohol	3.07	59	2434	4.60	ug/l #	75
12) 1,1-Dichloroethene	2.39	96	1038	0.85	ug/l	83
13) Acrolein	2.29	56	1439	5.30	ug/l #	64
14) Allyl chloride	2.73	41	1921	0.90	ug/l #	89
15) Acrylonitrile	3.16	53	4338	4.70	ug/l	93
16) Acetone	2.45	43	4168	5.32	ug/l	91
17) Carbon Disulfide	2.57	76	3014	0.84	ug/l #	94
18) Methyl Acetate	2.79	43	2081	1.05	ug/l	93
19) Methyl tert-butyl Ether	3.22	73	3709	0.88	ug/l #	89
20) Methylene Chloride	2.87	84	1357	1.04	ug/l #	83
21) trans-1,2-Dichloroethene	3.17	96	1186	0.90	ug/l	92
22) Diisopropyl ether	3.87	45	2775	0.79	ug/l #	82
23) Vinyl Acetate	3.84	43	12119	3.79	ug/l	96
24) 1,1-Dichloroethane	3.71	63	1923	0.88	ug/l #	94
25) 2-Butanone	4.71	43	5680	4.81	ug/l	91
26) 2,2-Dichloropropane	4.60	77	1641	0.87	ug/l	79
27) cis-1,2-Dichloroethene	4.61	96	975	0.75	ug/l	91
28) Bromochloromethane	5.04	49	779	1.07	ug/l #	84
29) Tetrahydrofuran	5.19	42	3907	4.82	ug/l	97
30) Chloroform	5.23	83	1799	0.81	ug/l	90
31) Cyclohexane	5.59	56	1665	0.92	ug/l #	93
32) 1,1,1-Trichloroethane	5.51	97	1600	0.77	ug/l #	50
36) 1,1-Dichloropropene	5.81	75	1614	0.91	ug/l #	84
37) Ethyl Acetate	4.88	43	2240	0.98	ug/l #	81
38) Carbon Tetrachloride	5.79	117	1659	0.84	ug/l #	93

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 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	1658	0.77	ug/l #	92
40) Benzene	6.15	78	3864	0.77	ug/l	91
41) Methacrylonitrile	5.08	41	1248m	1.06	ug/l	
42) 1,2-Dichloroethane	6.21	62	1393	0.78	ug/l	79
43) Isopropyl Acetate	6.48	43	2864	0.83	ug/l #	93
44) Trichloroethene	7.23	130	1229	0.79	ug/l	77
45) 1,2-Dichloropropane	7.53	63	1010	0.83	ug/l	95
46) Dibromomethane	7.68	93	754	0.80	ug/l	88
47) Bromodichloromethane	7.91	83	1436	0.79	ug/l	91
48) Methyl methacrylate	7.79	41	1587	0.94	ug/l #	83
49) 1,4-Dioxane	7.77	88	730	16.21	ug/l #	85
51) 4-Methyl-2-Pentanone	8.66	43	9643	4.02	ug/l	94
52) Toluene	8.79	92	2402	0.72	ug/l	91
53) t-1,3-Dichloropropene	8.45	75	1592	0.75	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	1503	0.72	ug/l	88
55) 1,1,2-Trichloroethane	9.23	97	1107	0.79	ug/l	96
56) Ethyl methacrylate	9.19	69	1490	0.69	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1681	0.77	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	4329	4.06	ug/l	98
59) 2-Hexanone	9.51	43	7672	3.93	ug/l	96
60) Dibromochloromethane	9.59	129	1059	0.65	ug/l	96
61) 1,2-Dibromoethane	9.68	107	1153	0.74	ug/l	94
64) Tetrachloroethene	9.34	164	960	0.67	ug/l #	83
65) Chlorobenzene	10.15	112	3047	0.77	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	912	0.64	ug/l #	66
67) Ethyl Benzene	10.26	91	4995	0.76	ug/l	89
68) m/p-Xylenes	10.37	106	3830	1.46	ug/l	92
69) o-Xylene	10.71	106	1932	0.76	ug/l	100
70) Styrene	10.72	104	3068	0.72	ug/l	98
71) Bromoform	10.87	173	765	0.57	ug/l #	94
73) Isopropylbenzene	11.02	105	5104	0.77	ug/l	96
74) N-amyl acetate	6.48	43	2864	0.86	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	1768	0.78	ug/l	96
76) 1,2,3-Trichloropropane	11.31	75	2308	1.17	ug/l	78
77) Bromobenzene	11.26	156	1415	0.78	ug/l	88
78) n-propylbenzene	11.37	91	6305	0.82	ug/l	98
79) 2-Chlorotoluene	11.43	91	3552	0.80	ug/l	98
80) 1,3,5-Trimethylbenzene	11.52	105	4219	0.76	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	496m	0.62	ug/l	
82) 4-Chlorotoluene	11.52	91	4302	0.81	ug/l	99
83) tert-Butylbenzene	11.78	119	4423	0.78	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	4515	0.79	ug/l	98
85) sec-Butylbenzene	11.96	105	5339	0.77	ug/l	93
86) p-Isopropyltoluene	12.07	119	4707	0.75	ug/l	89
87) 1,3-Dichlorobenzene	12.04	146	2731	0.80	ug/l	97
88) 1,4-Dichlorobenzene	12.11	146	2840m	0.81	ug/l	
89) n-Butylbenzene	12.40	91	4549	0.78	ug/l	94
90) Hexachloroethane	12.60	117	725	0.66	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	2550	0.77	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	539	0.83	ug/l	90

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MDL 01 0.75PPB

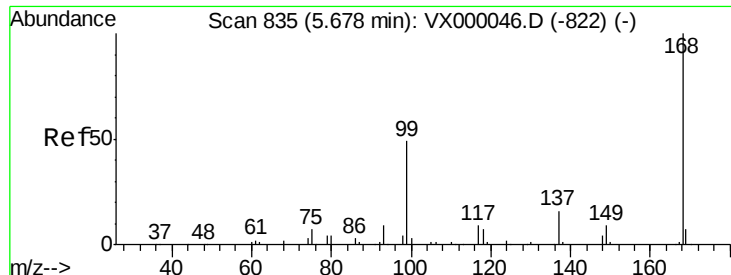
Manual Integrations
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MMDadoda
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	2014	0.79	ug/l	99
94) Hexachlorobutadiene	13.79	225	910	0.76	ug/l	100
95) Naphthalene	13.85	128	6487	0.78	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	1925	0.78	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion:168 Resp: 126584

Ion Ratio Lower Upper

168 100

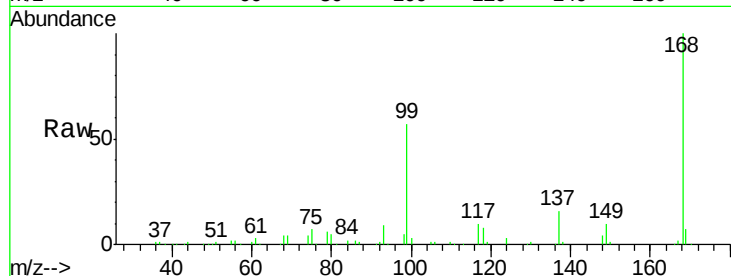
99 57.1 39.4 59.2

Manual Integrations

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2/16/2018 11:44:42 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

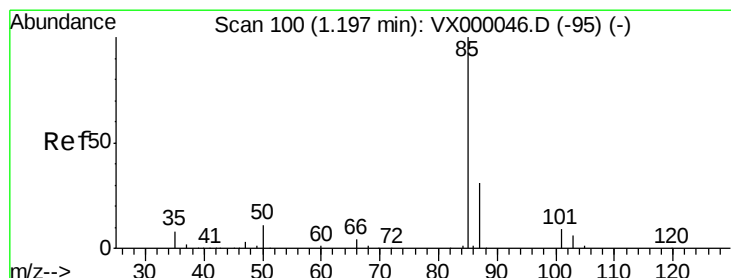
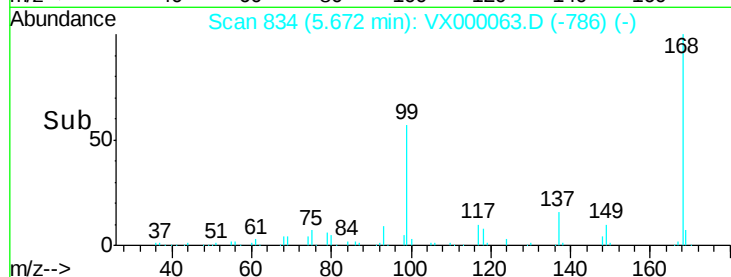
20000

10000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000063.D

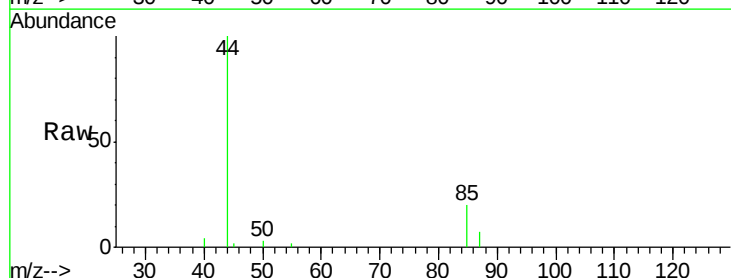
Acq: 12 Feb 2018 13:58

Tgt Ion: 85 Resp: 1026

Ion Ratio Lower Upper

85 100

87 33.4 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

800

600

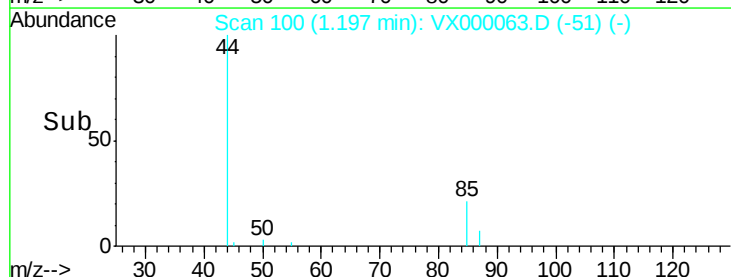
400

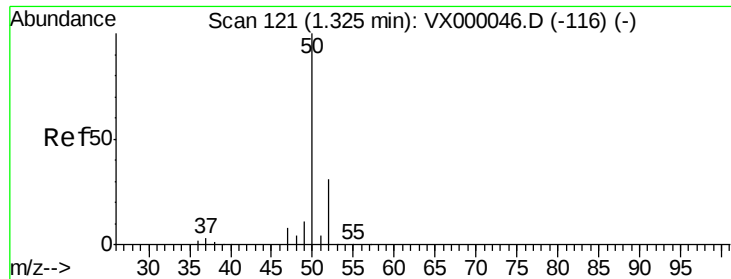
200

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 0.82 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

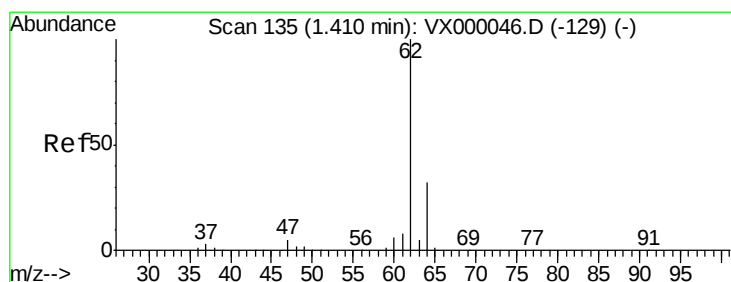
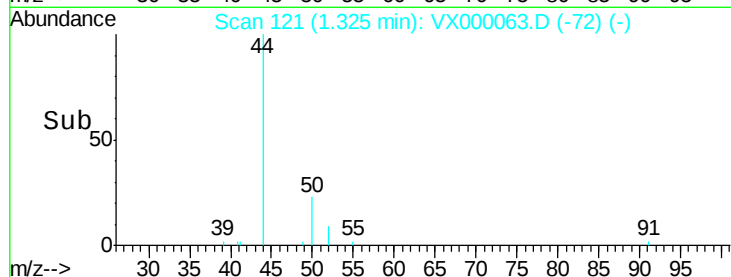
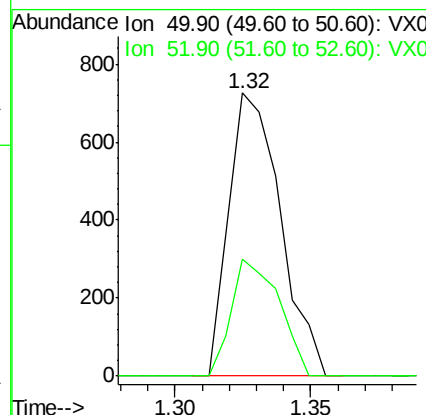
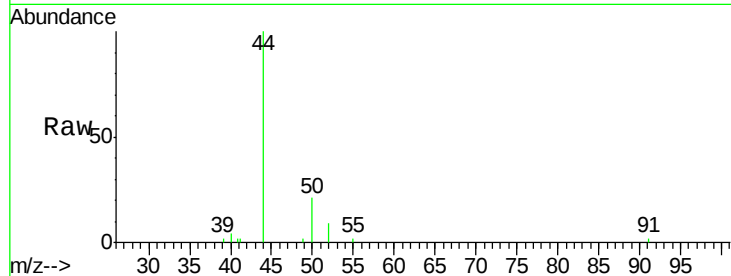
ClientSampled :

MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
50	100		
52	41.3	25.0	37.6#

Manual Integrations
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2/16/2018 11:44:42 AM



#4

Vinyl Chloride

Concen: 0.80 ug/l

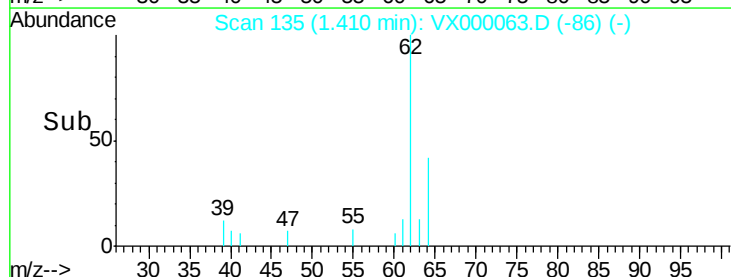
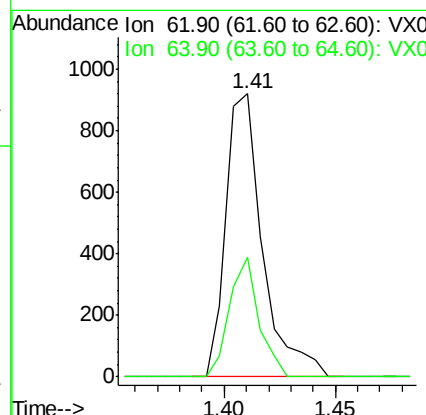
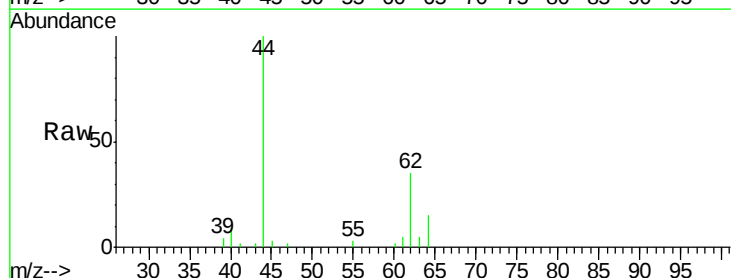
RT: 1.41 min Scan# 135

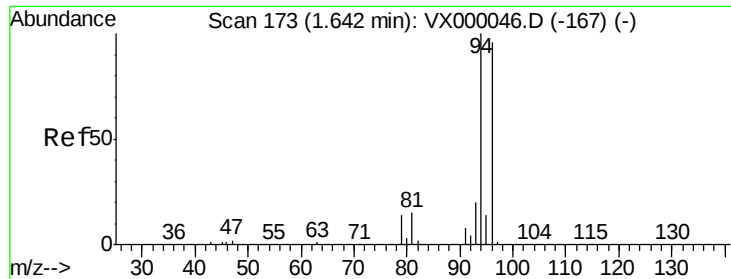
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
62	100		
64	42.4	25.4	38.0#





#5

Bromomethane

Concen: 1.70 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 94 Resp: 1197

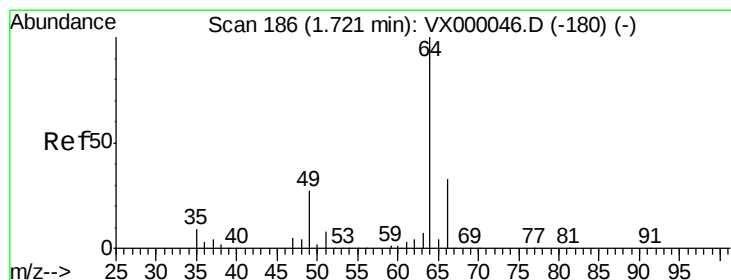
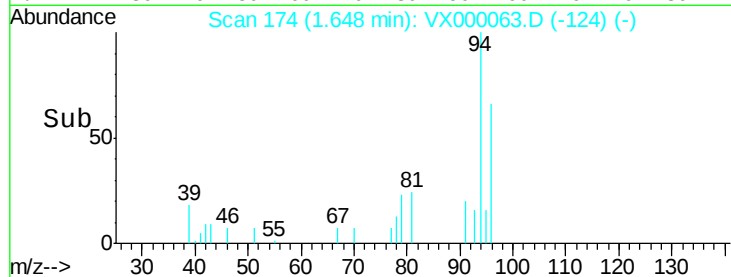
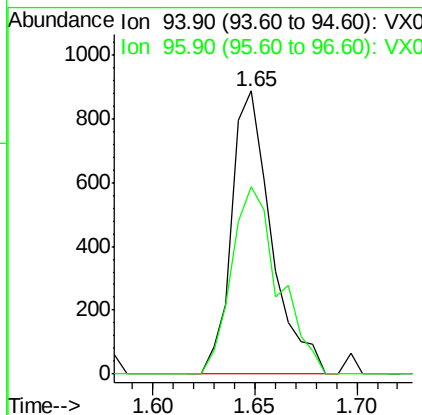
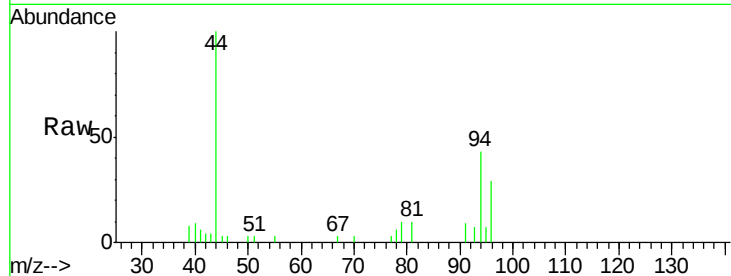
Ion Ratio Lower Upper

94 100

96 66.0 76.7 115.1#

Manual Integrations
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2/16/2018 11:44:42 AM



#6

Chloroethane

Concen: 1.29 ug/l m

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000063.D

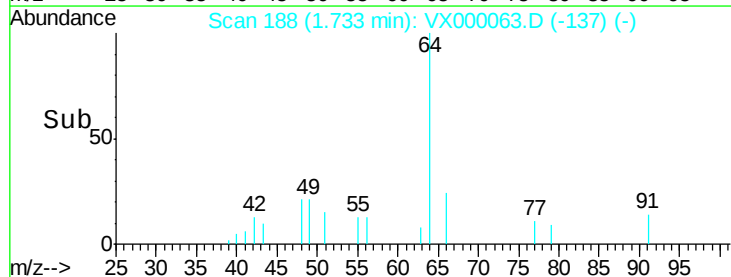
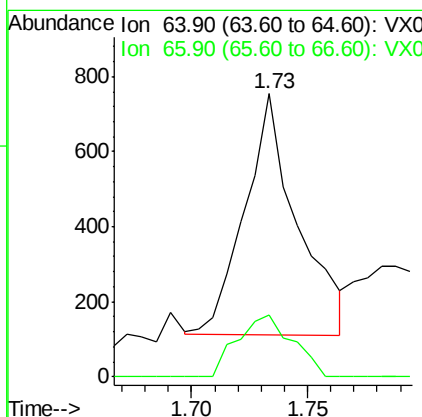
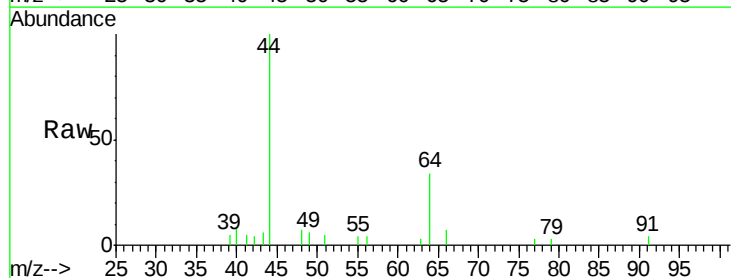
Acq: 12 Feb 2018 13:58

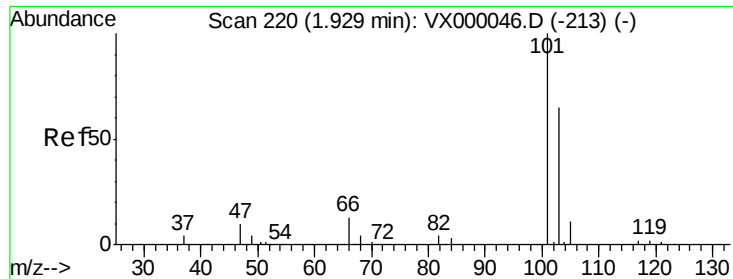
Tgt Ion: 64 Resp: 1021

Ion Ratio Lower Upper

64 100

66 21.9 26.4 39.6#





#7

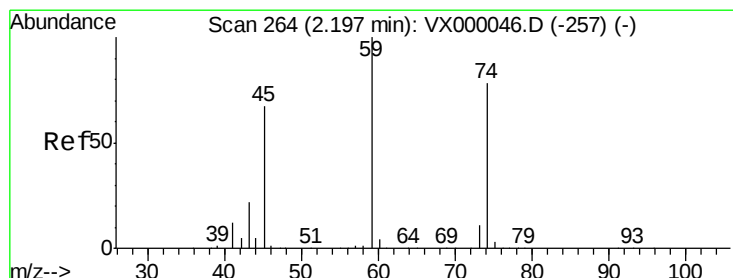
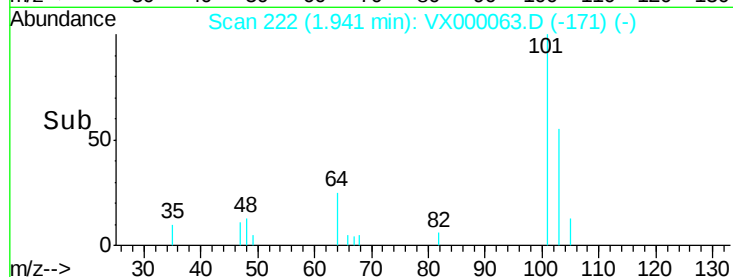
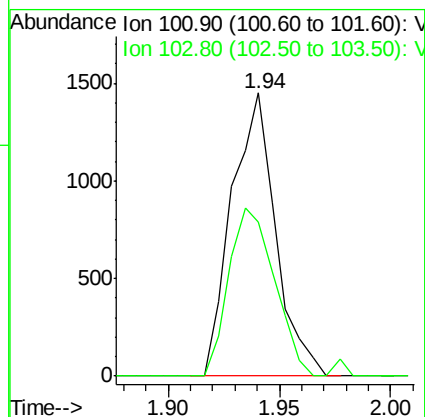
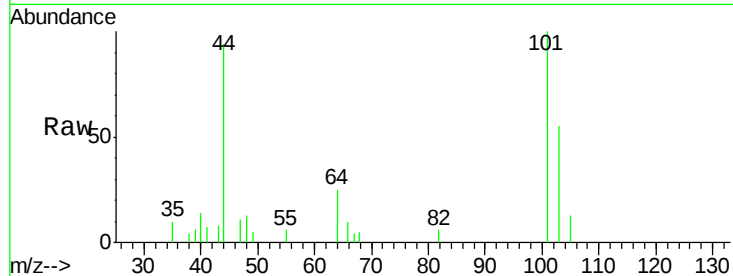
Trichlorofluoromethane
Concen: 0.87 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampleId :
MDL 01 0.75PPB

Tot Ion:101 Resp: 2006
Ion Ratio Lower Upper
101 100
103 54.7 52.3 78.5

Manual Integrations
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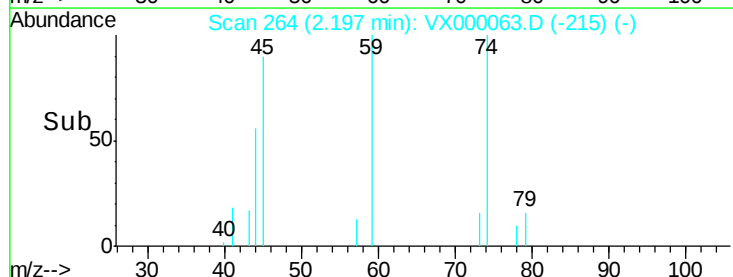
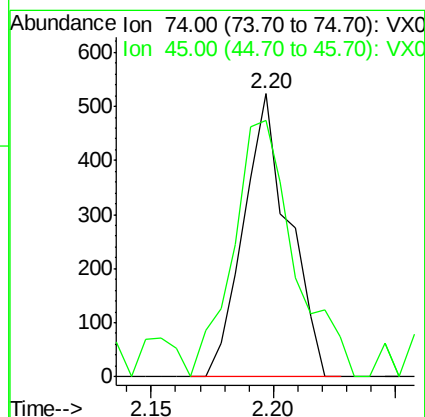
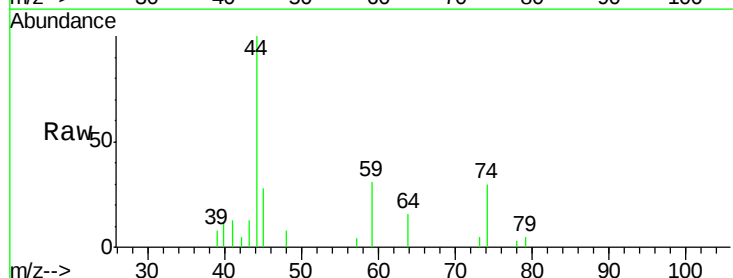
MMDadoda
2/16/2018 11:44:42 AM

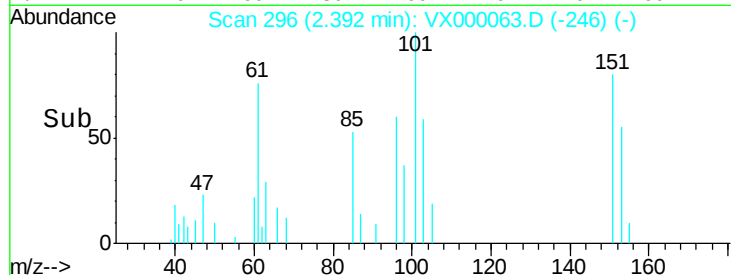
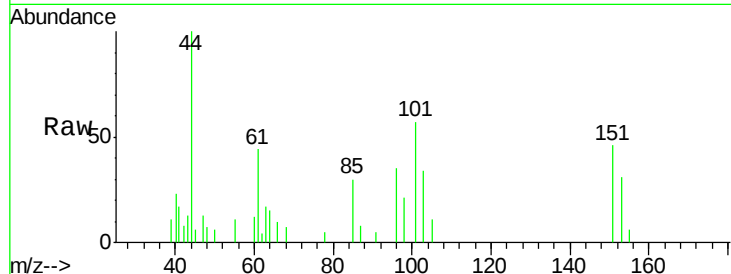
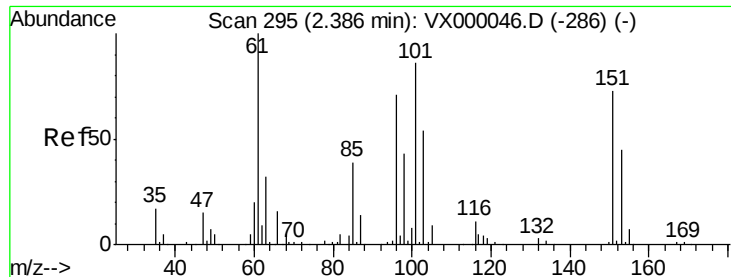


#8

Diethyl Ether
Concen: 0.81 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 74 Resp: 670
Ion Ratio Lower Upper
74 100
45 122.8 44.3 132.8





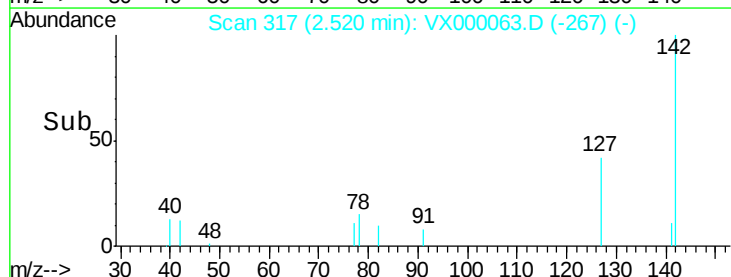
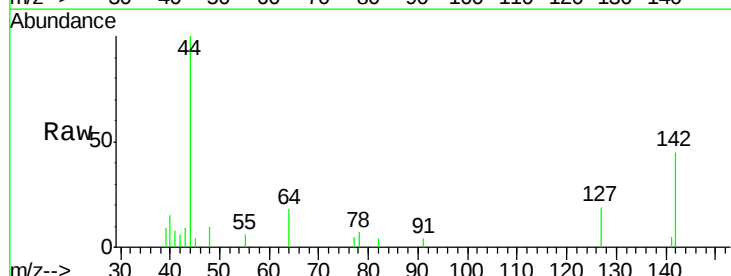
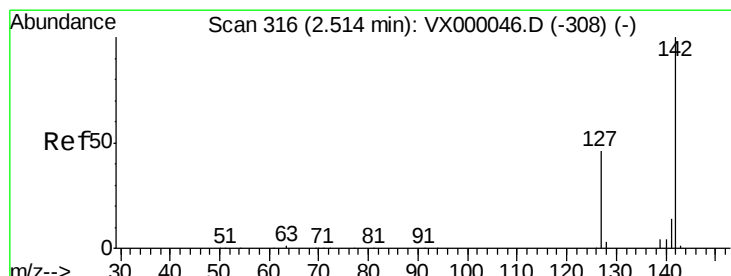
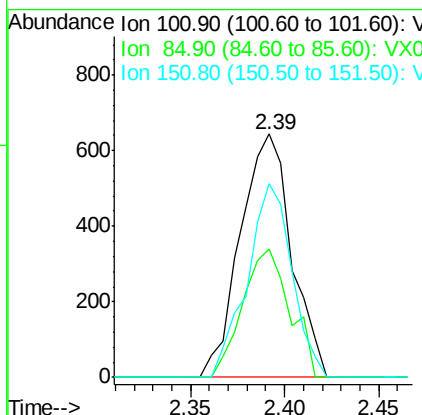
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.94 ug/l
RT: 2.39 min Scan# 296
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
101	100		
85	48.6	36.6	54.8
151	69.5	68.8	103.2

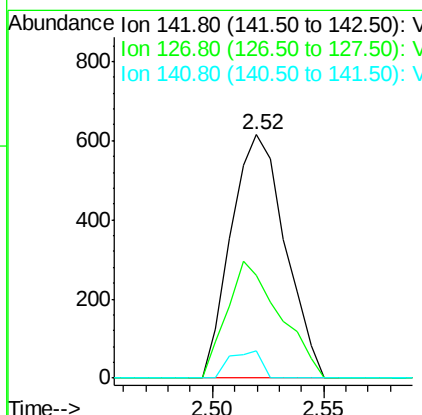
Manual Integrations
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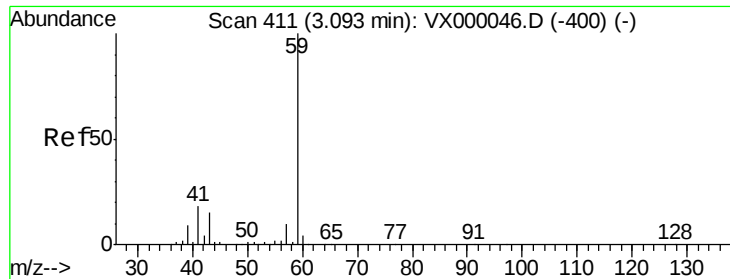
MMDadoda
2/16/2018 11:44:42 AM



#10
Methyl Iodide
Concen: 2.33 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.2	36.8	55.2
141	6.5	11.4	17.0#





#11

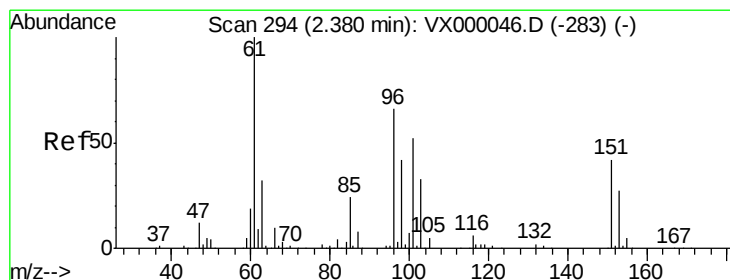
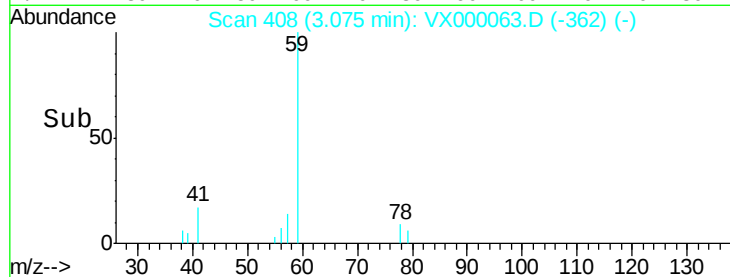
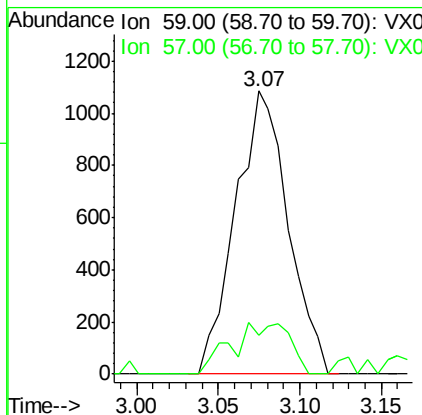
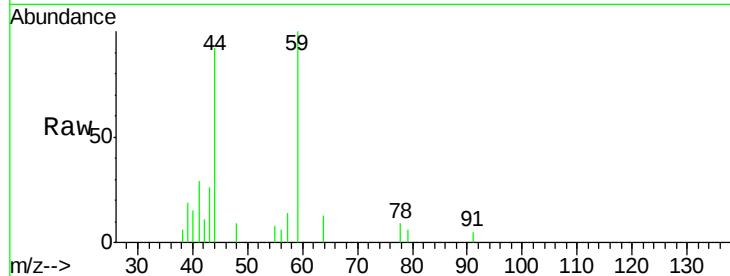
Tert butyl alcohol
Concen: 4.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion: 59 Resp: 2434
Ion Ratio Lower Upper
59 100
57 19.8 8.4 12.6#

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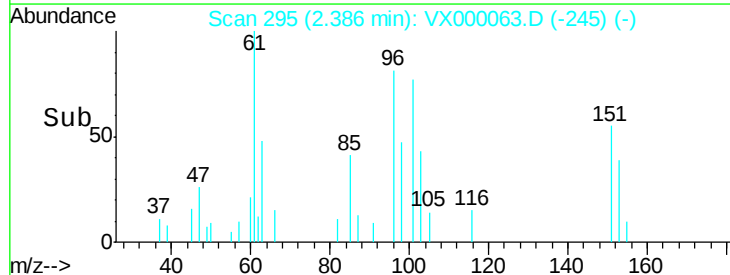
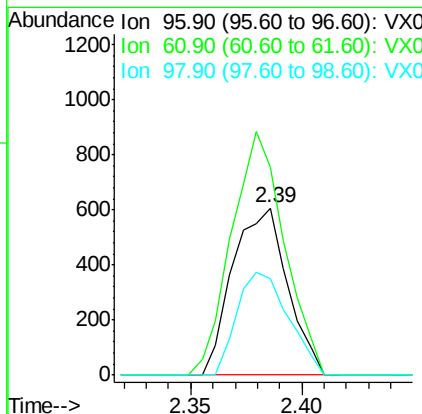
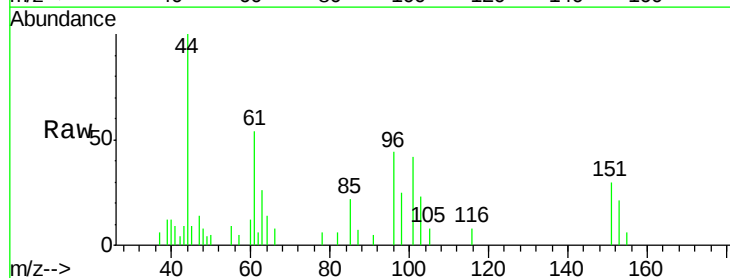
MMDadoda
2/16/2018 11:44:42 AM

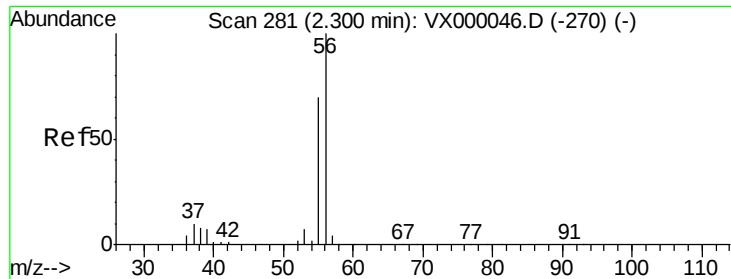


#12

1,1-Dichloroethene
Concen: 0.85 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 96 Resp: 1038
Ion Ratio Lower Upper
96 100
61 124.2 120.3 180.5
98 58.0 51.0 76.4





#13

Acrolein

Concen: 5.30 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

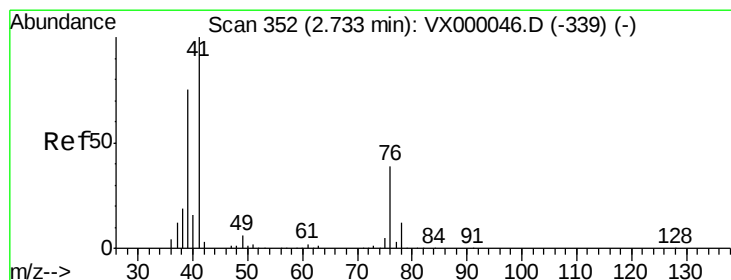
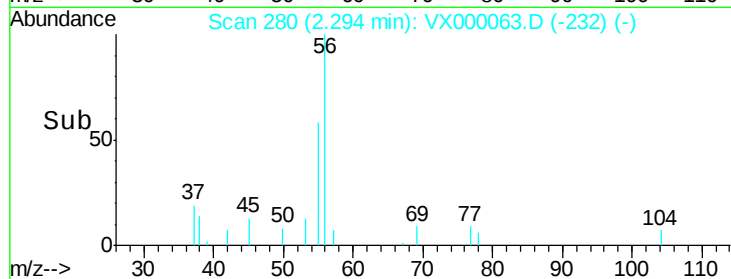
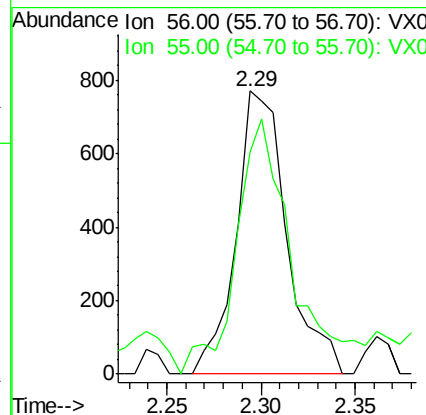
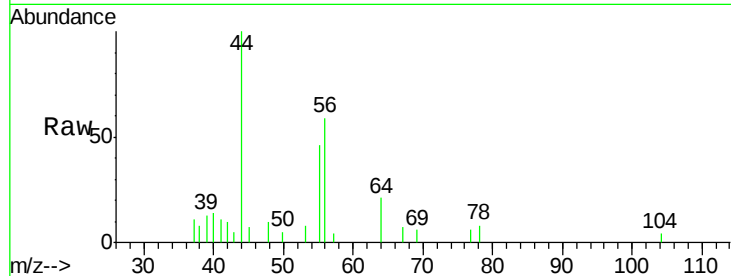
ClientSampled :

MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
56	100		
55	99.9	56.4	84.6#

Manual Integrations
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2/16/2018 11:44:42 AM



#14

Allyl chloride

Concen: 0.90 ug/l

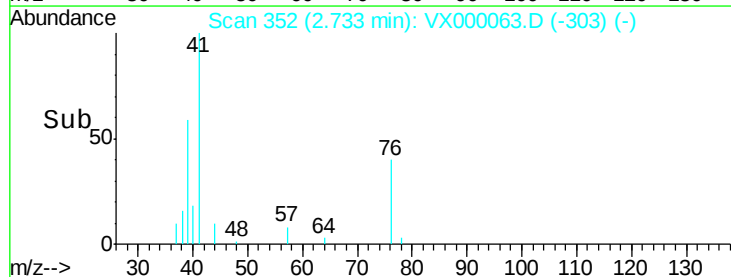
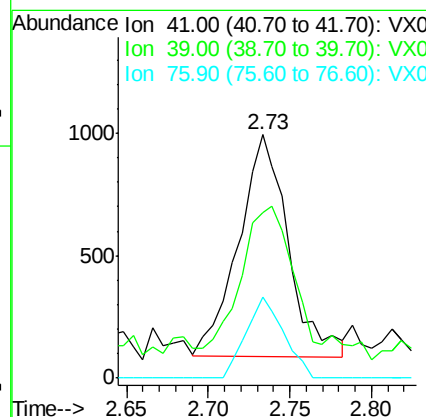
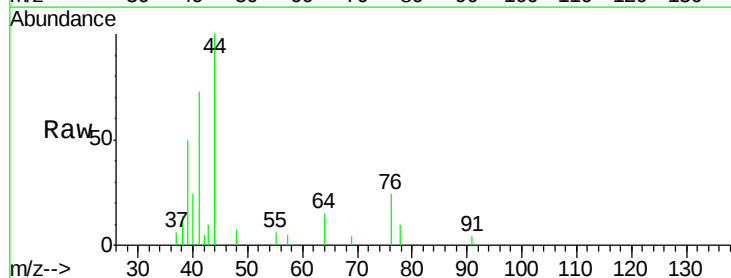
RT: 2.73 min Scan# 352

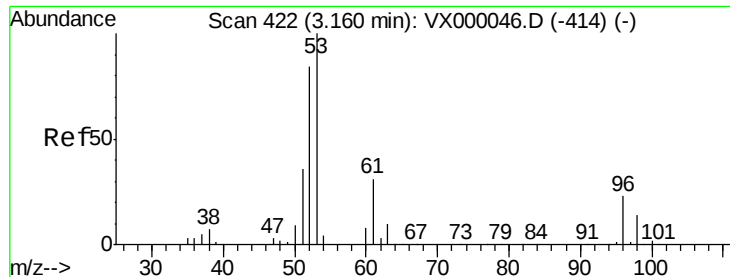
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.4	55.8	83.6
76	27.6	28.7	43.1#





#15

Acrylonitrile

Concen: 4.70 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

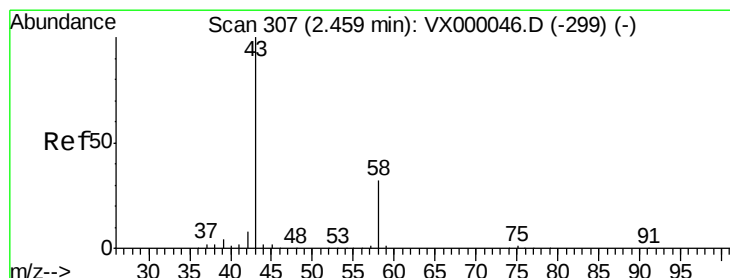
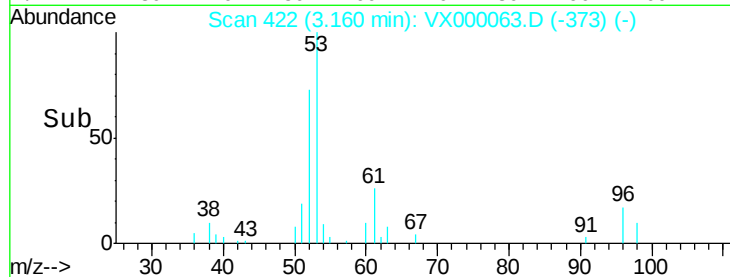
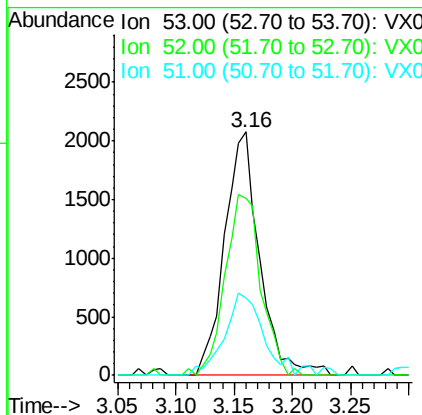
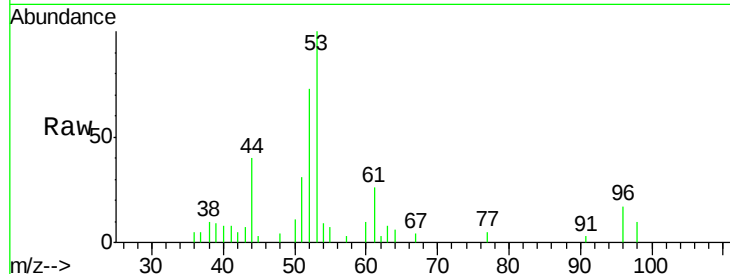
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	53	Resp:	4338
Ion	Ratio	Lower	Upper
53	100		
52	75.8	66.5	99.7
51	38.1	29.1	43.7

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#16

Acetone

Concen: 5.32 ug/l

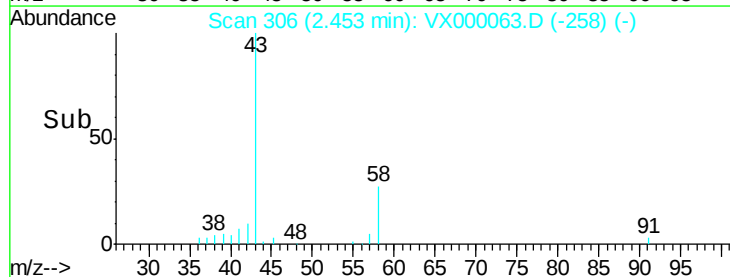
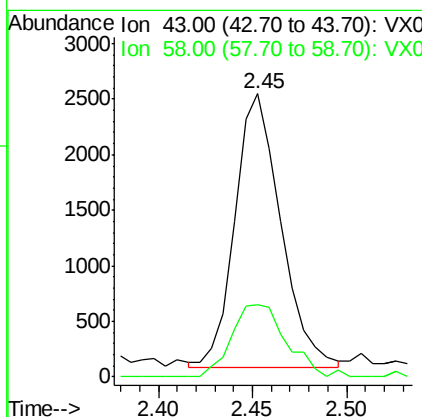
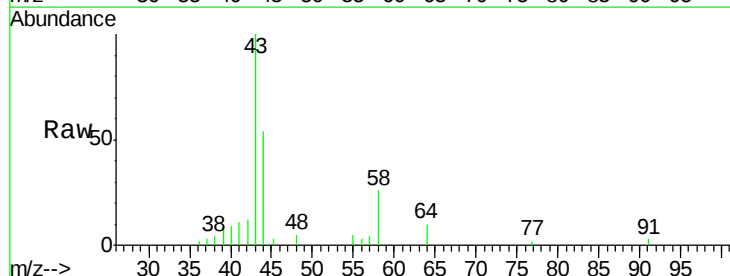
RT: 2.45 min Scan# 306

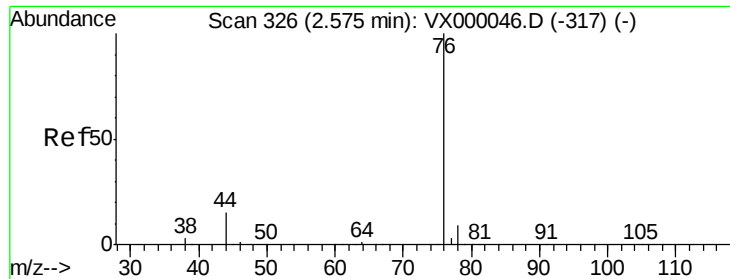
Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	43	Resp:	4168
Ion	Ratio	Lower	Upper
43	100		
58	27.1	25.9	38.9





#17

Carbon Disulfide

Concen: 0.84 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 76 Resp: 3014

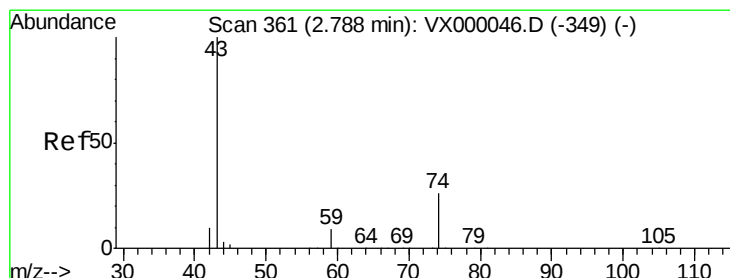
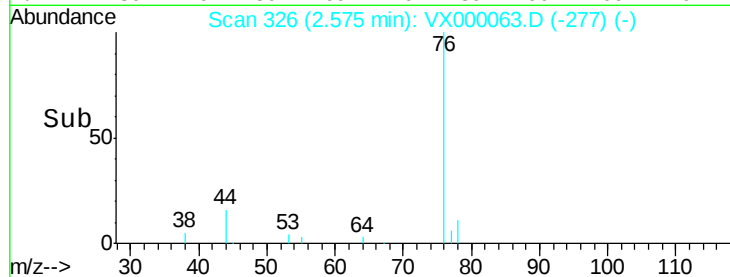
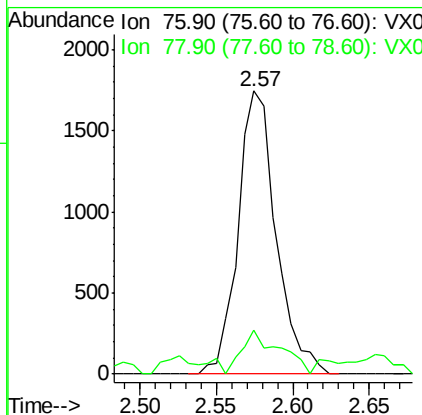
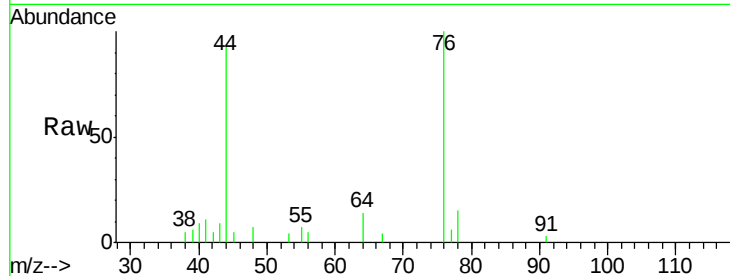
Ion Ratio Lower Upper

76 100

78 11.6 7.5 11.3#

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#18

Methyl Acetate

Concen: 1.05 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000063.D

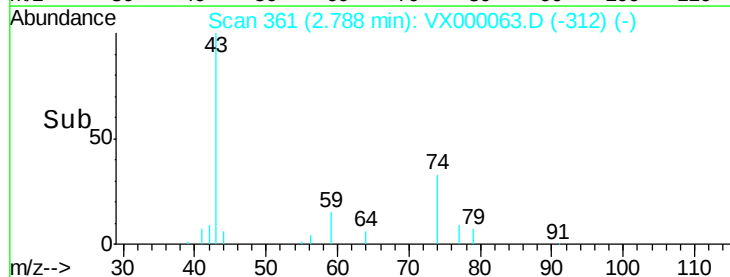
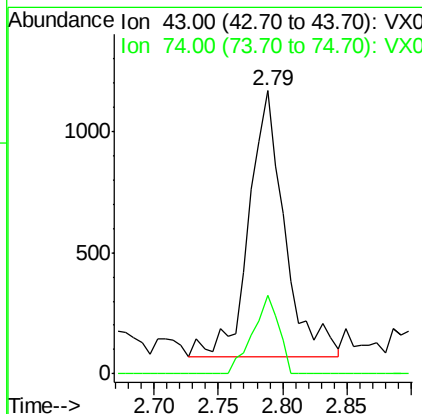
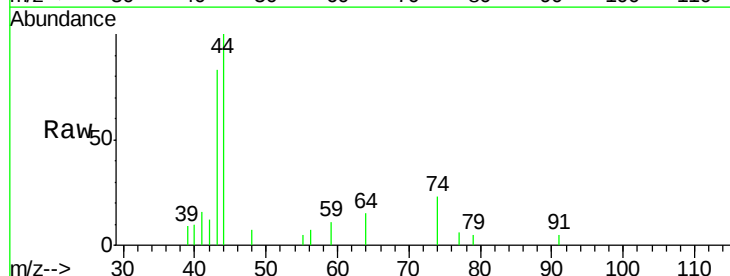
Acq: 12 Feb 2018 13:58

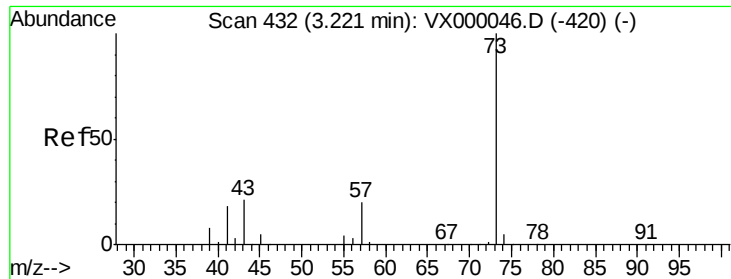
Tgt Ion: 43 Resp: 2081

Ion Ratio Lower Upper

43 100

74 21.9 20.2 30.4





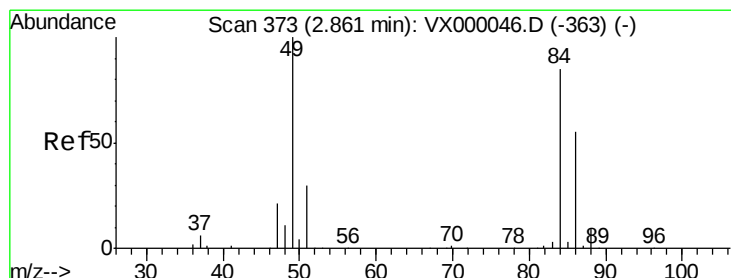
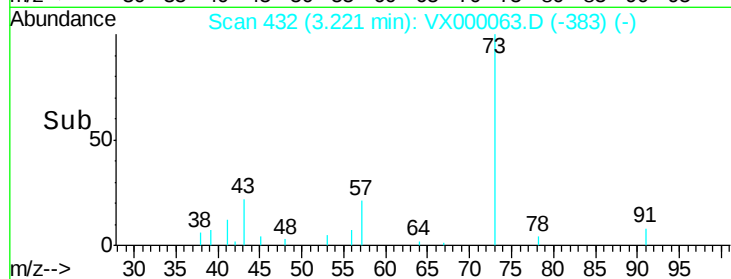
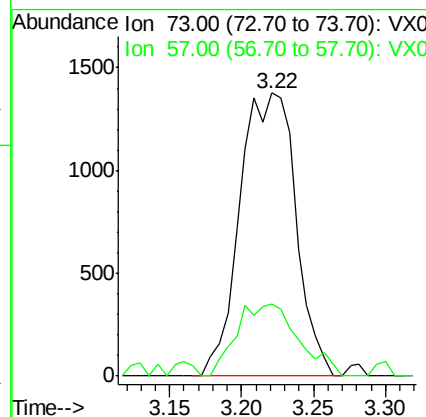
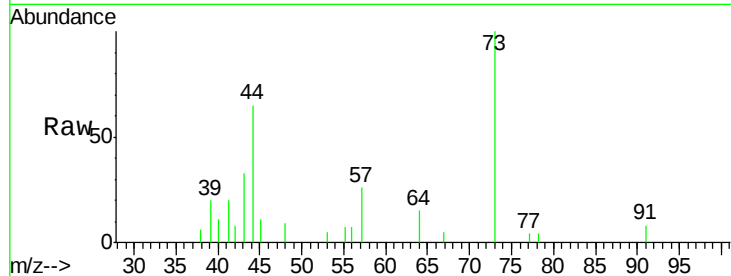
#19
Methvl tert-butvl Ether
Concen: 0.88 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampleId :
MDL 01 0.75PPB

Tot Ion: 73 Resp: 3709
Ion Ratio Lower Upper
73 100
57 25.6 16.2 24.4#

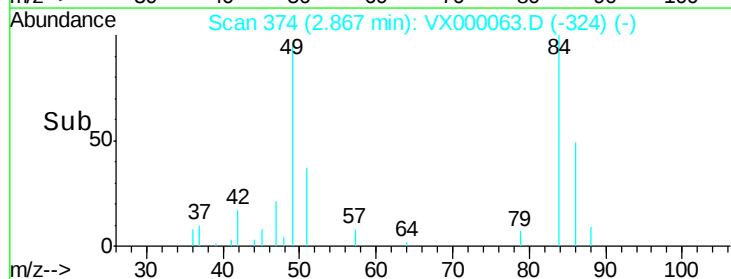
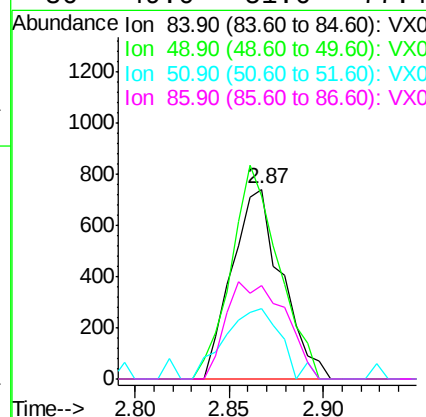
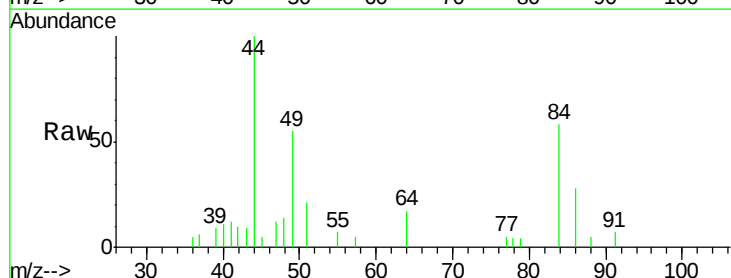
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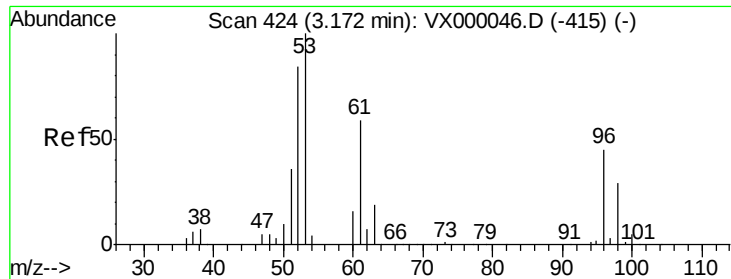
MMDadoda
2/16/2018 11:44:42 AM



#20
Methylene Chloride
Concen: 1.04 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 84 Resp: 1357
Ion Ratio Lower Upper
84 100
49 96.2 94.4 141.6
51 37.0 28.3 42.5
86 49.0 51.6 77.4#





#21

trans-1,2-Dichloroethene

Concen: 0.90 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

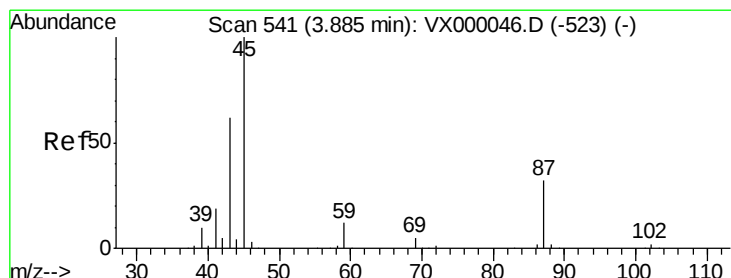
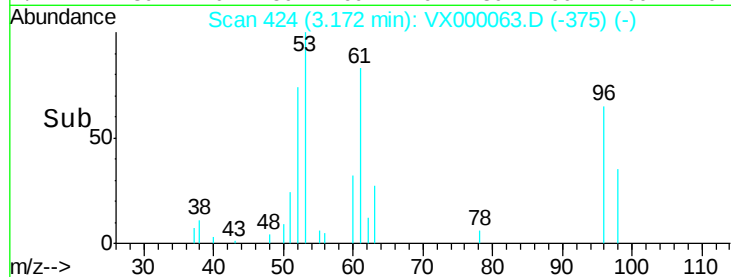
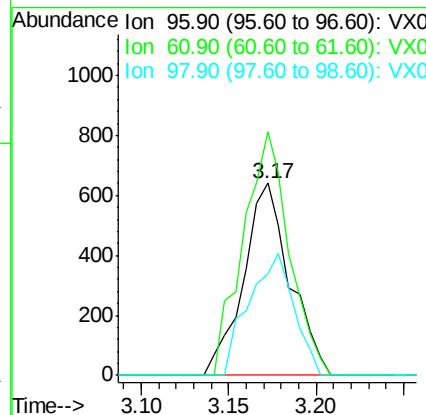
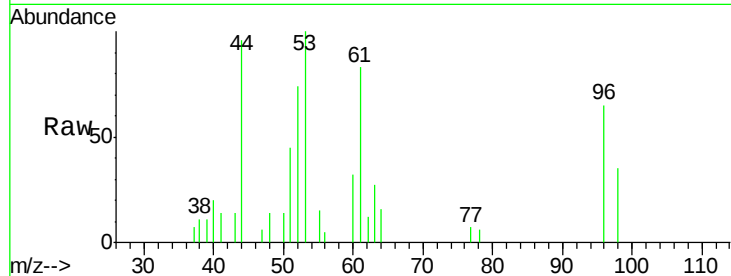
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	96	Resp:	1186
Ion	Ratio	Lower	Upper
96	100		
61	126.9	104.9	157.3
98	53.3	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.79 ug/l

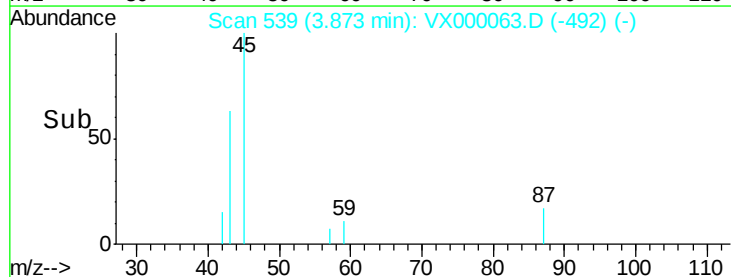
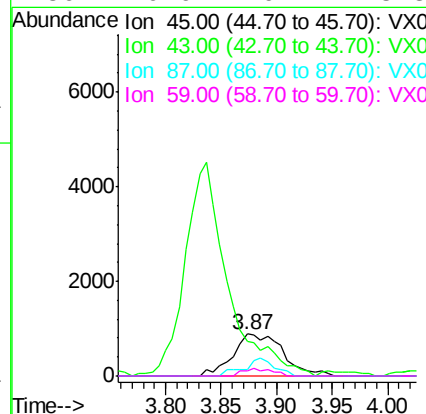
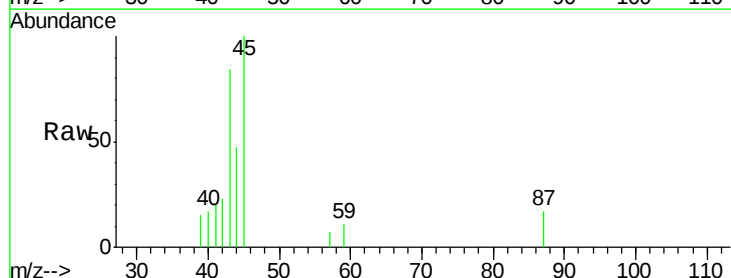
RT: 3.87 min Scan# 539

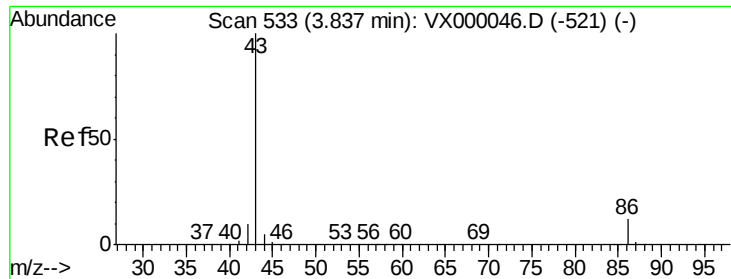
Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	45	Resp:	2775
Ion	Ratio	Lower	Upper
45	100		
43	74.0	49.6	74.4
87	16.8	25.9	38.9#
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 3.79 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 43 Resp: 12119

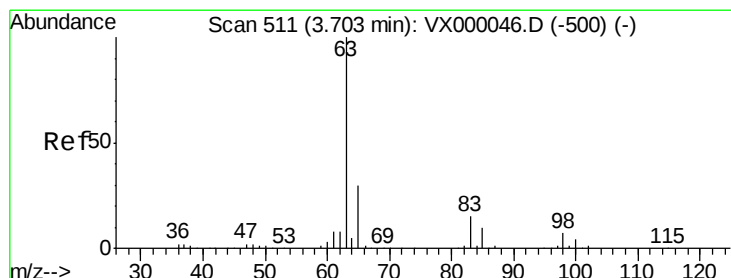
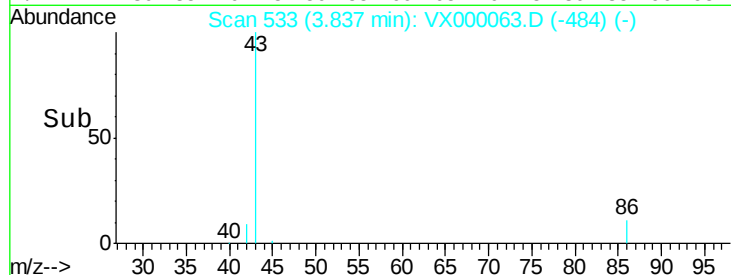
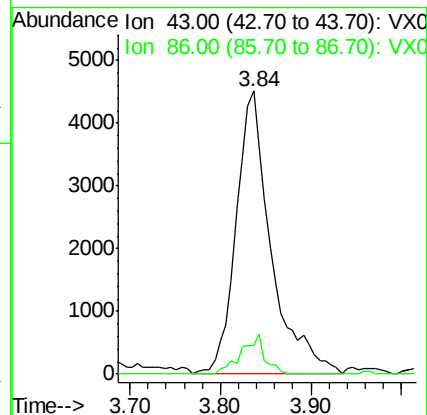
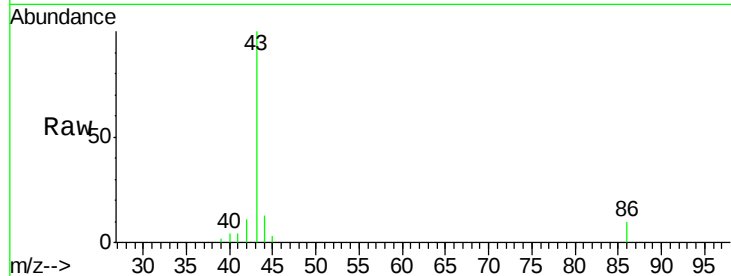
Ion Ratio Lower Upper

43 100

86 10.1 9.3 13.9

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#24

1,1-Dichloroethane

Concen: 0.88 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

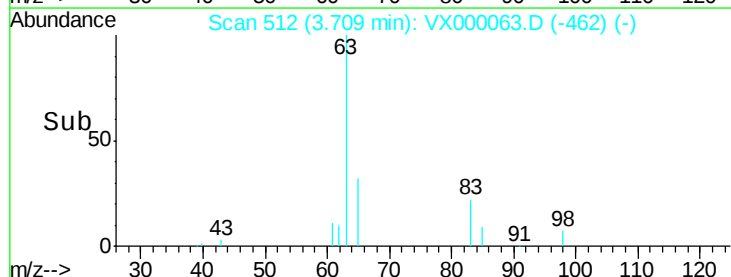
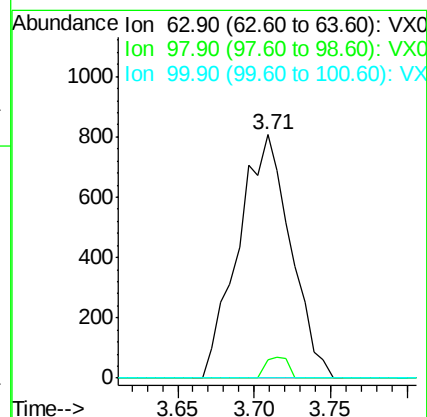
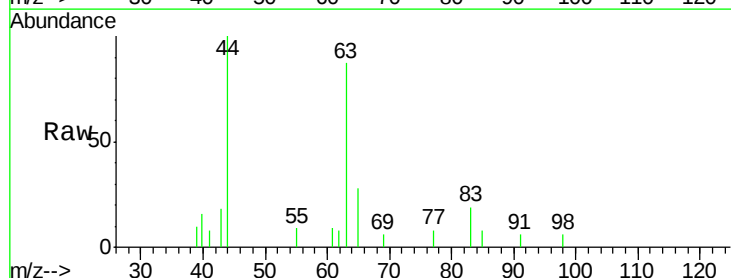
Tgt Ion: 63 Resp: 1923

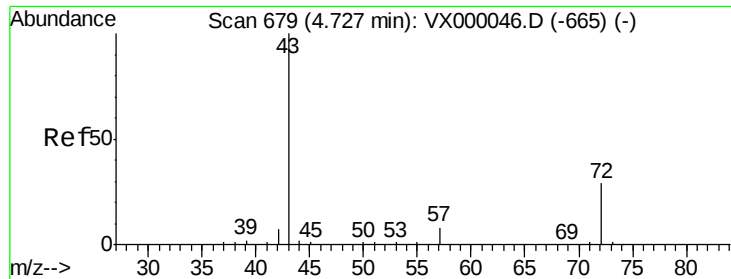
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 4.81 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 43 Resp: 5680

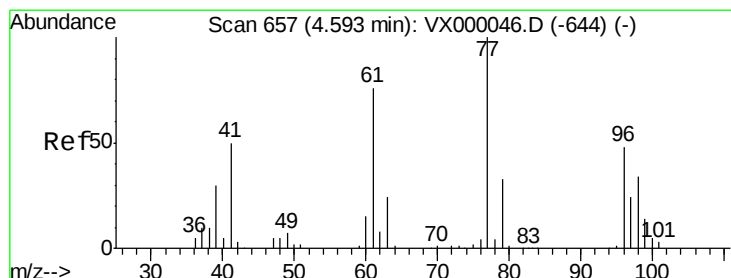
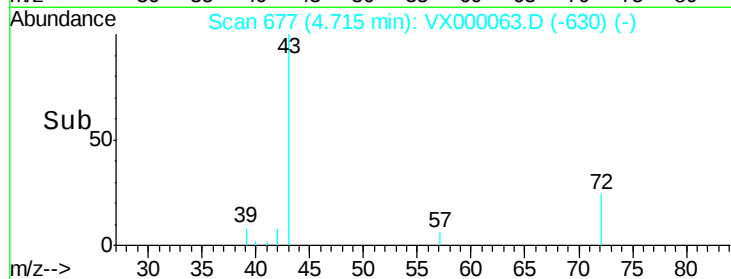
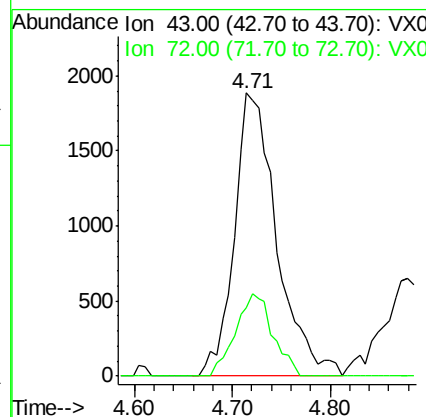
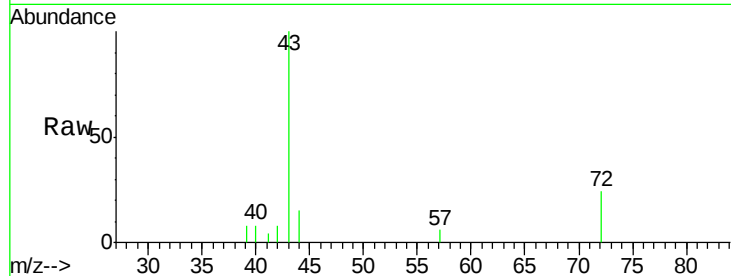
Ion Ratio Lower Upper

43 100

72 24.2 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 0.87 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000063.D

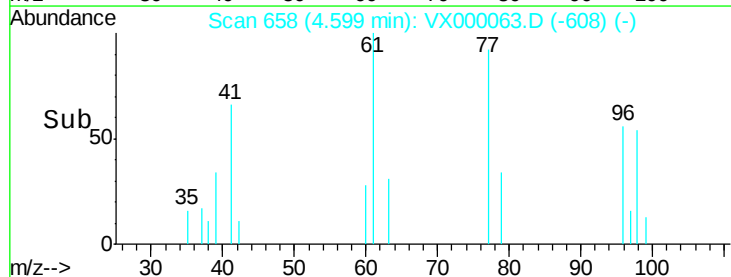
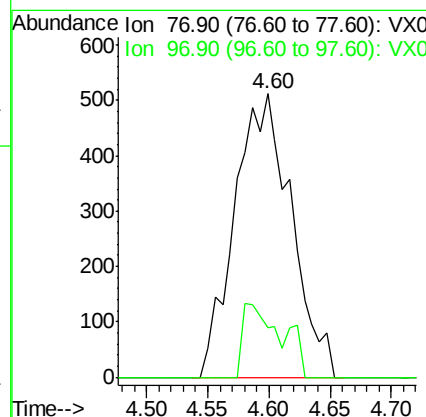
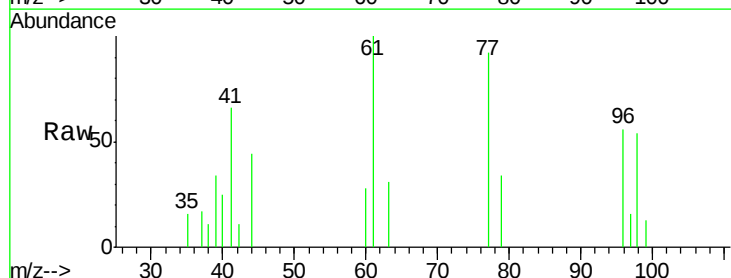
Acq: 12 Feb 2018 13:58

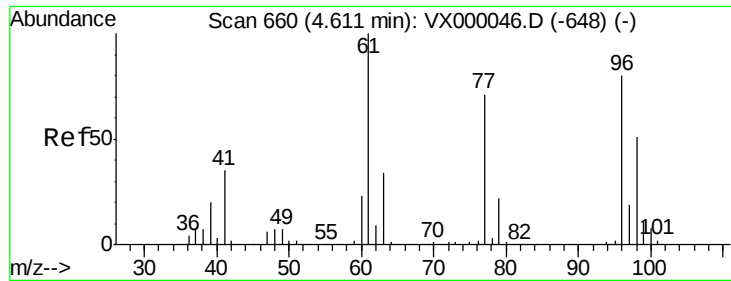
Tgt Ion: 77 Resp: 1641

Ion Ratio Lower Upper

77 100

97 13.5 11.8 35.4





#27

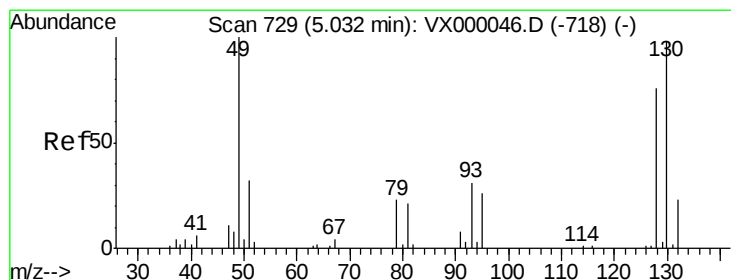
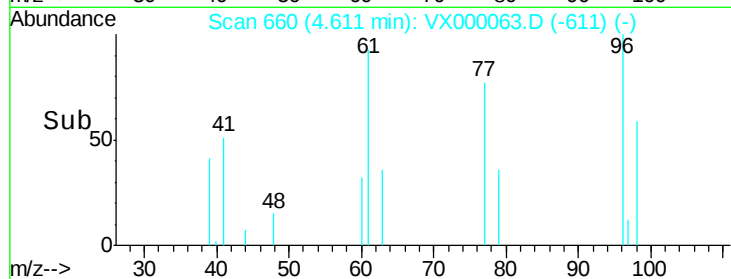
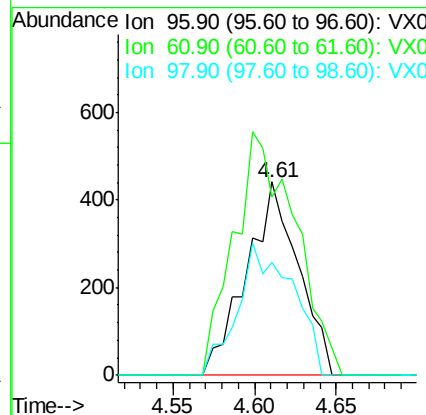
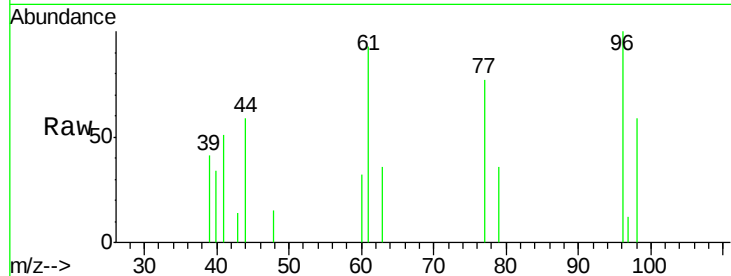
cis-1,2-Dichloroethene
Concen: 0.75 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	274.4
98	72.3	0.0	132.4

Manual Integrations
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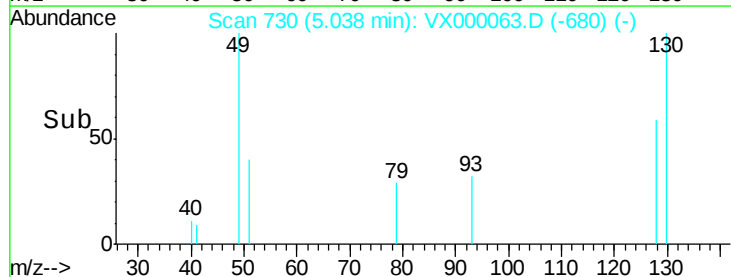
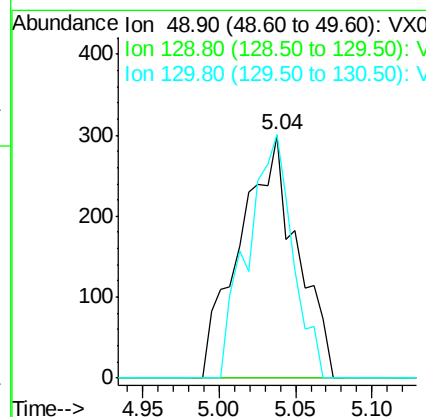
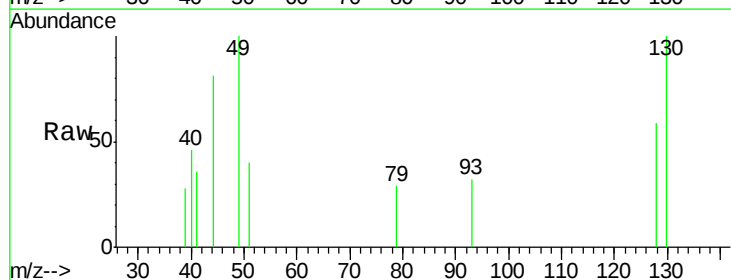
MMDadoda
2/16/2018 11:44:42 AM

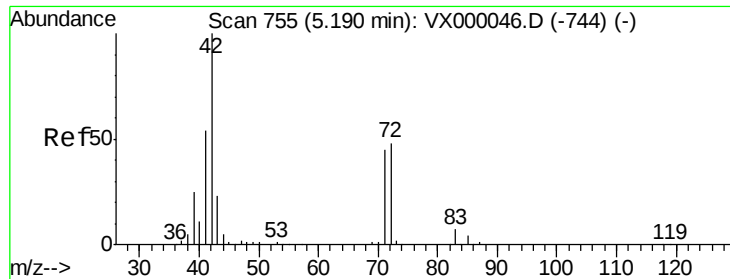


#28

Bromochloromethane
Concen: 1.07 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	78.9	75.6	113.4





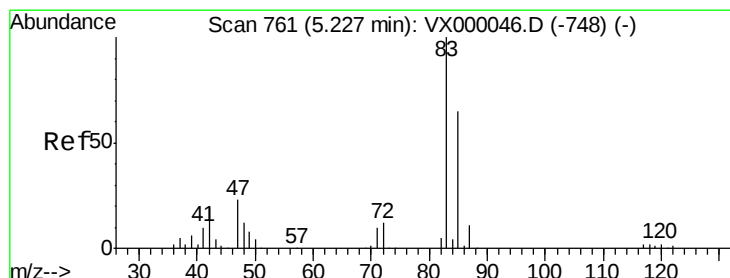
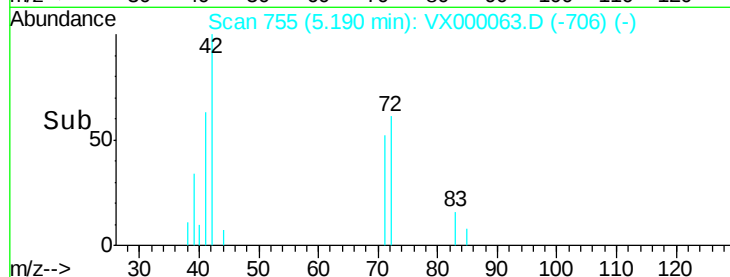
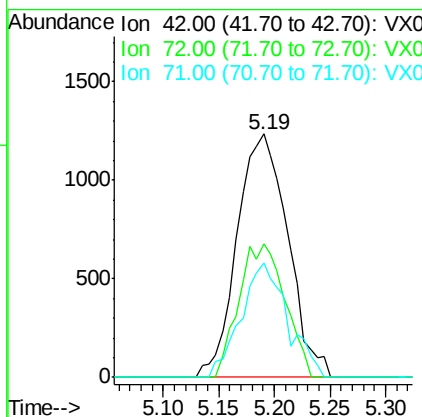
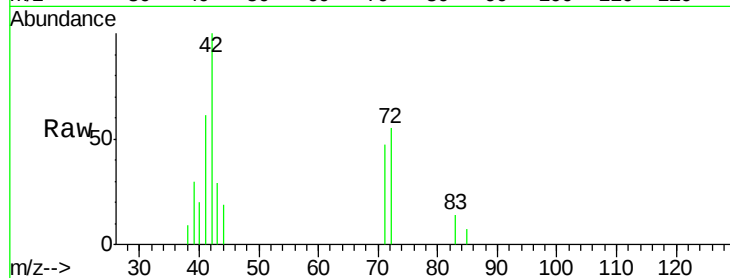
#29
Tetrahydrofuran
Concen: 4.82 ug/l
RT: 5.19 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
Client Sampled :
MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.0	58.6
71	43.1	36.7	55.1

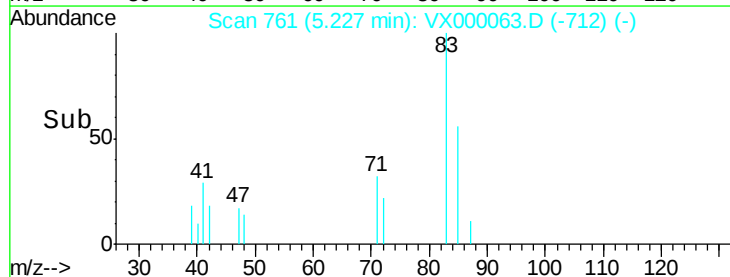
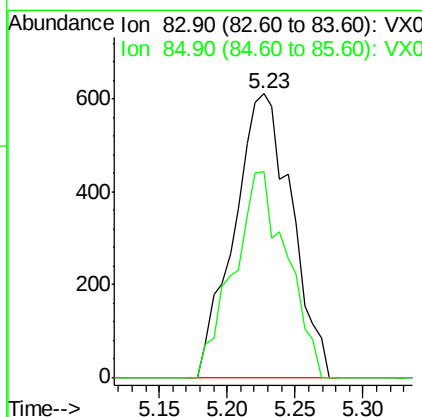
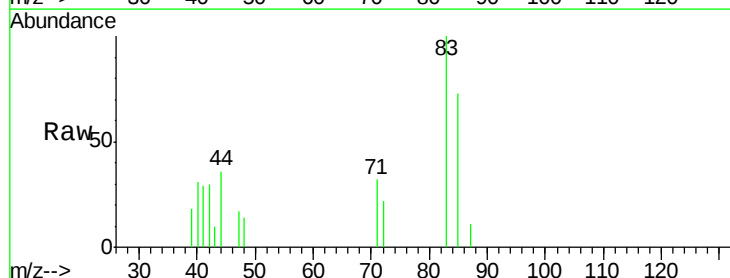
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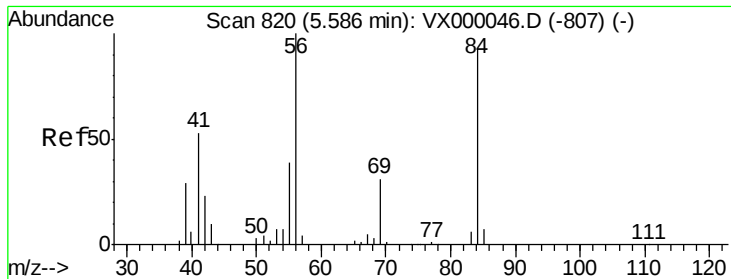
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#30
Chloroform
Concen: 0.81 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	72.5	51.9	77.9





#31

Cyclohexane

Concen: 0.92 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

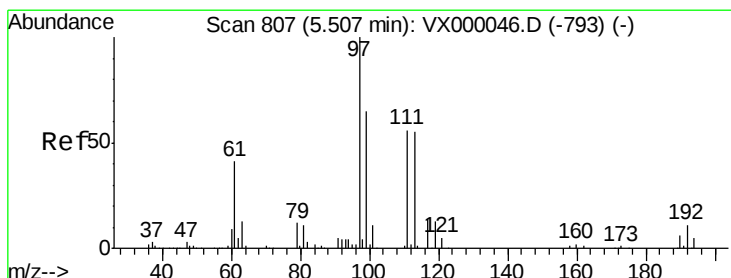
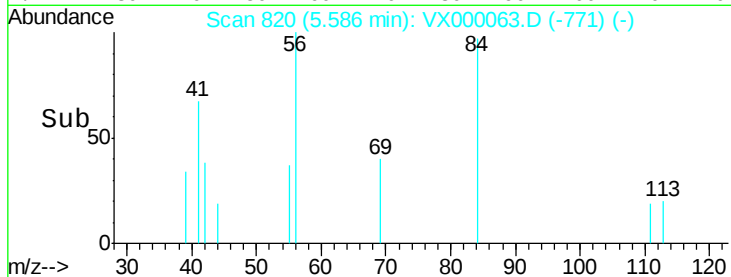
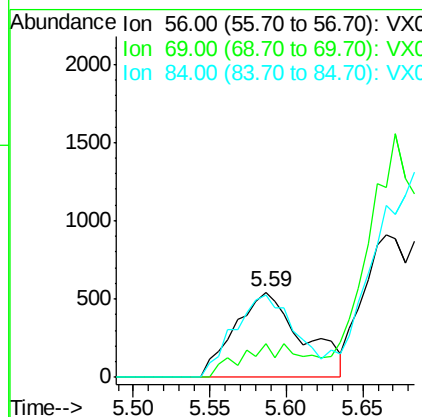
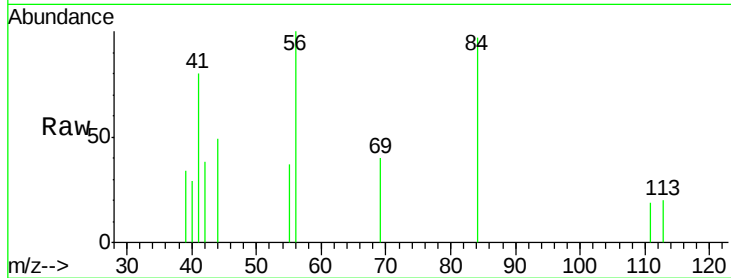
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	56	Resp:	1665
Ion Ratio	Lower	Upper	
56	100		
69	39.6	24.5	36.7#
84	96.7	74.8	112.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.77 ug/l

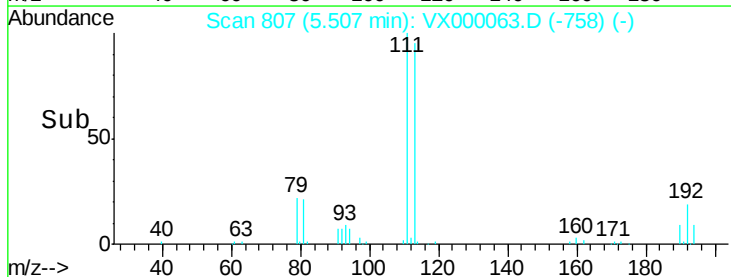
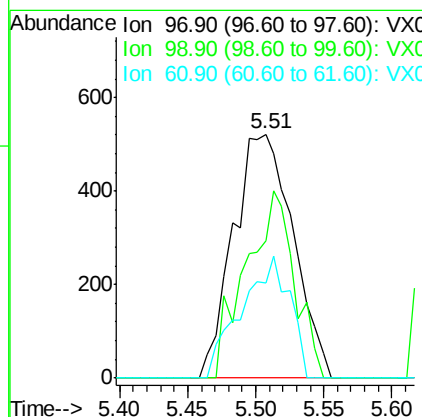
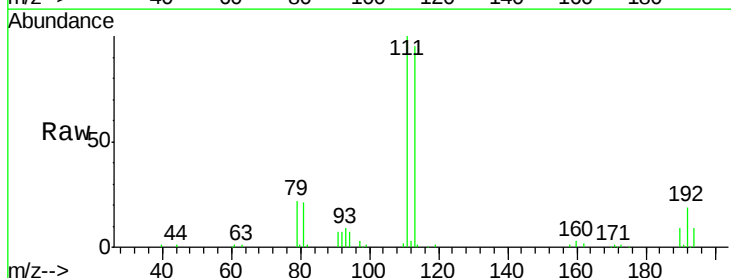
RT: 5.51 min Scan# 807

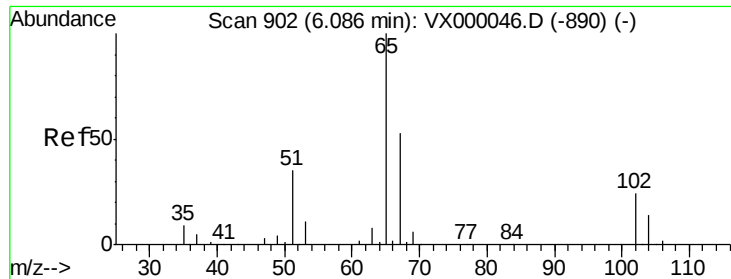
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	97	Resp:	1600
Ion Ratio	Lower	Upper	
97	100		
99	0.0	50.8	76.2#
61	40.3	32.1	48.1





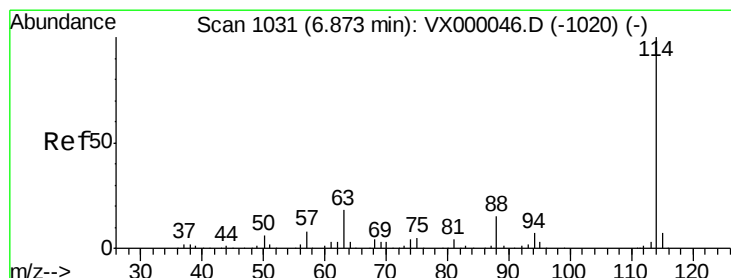
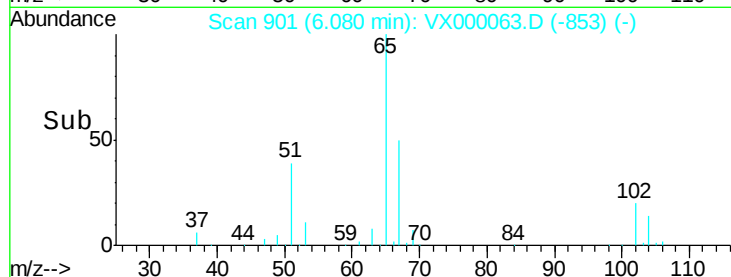
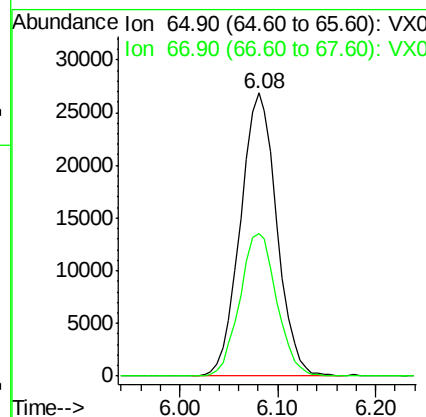
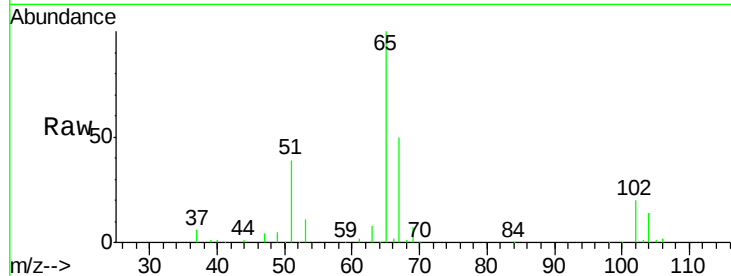
#33
 1,2-Dichloroethane-d4
 Concen: 52.25 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampleId :
 MDL 01 0.75PPB

Tot Ion: 65 Resp: 69102
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0

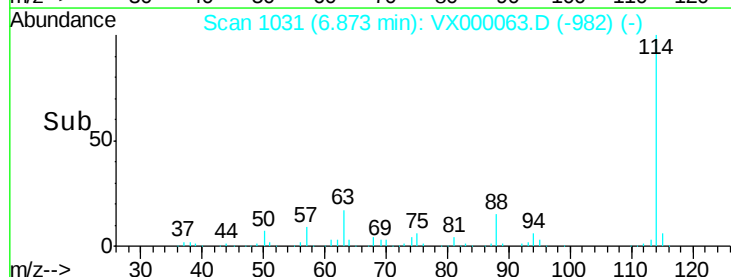
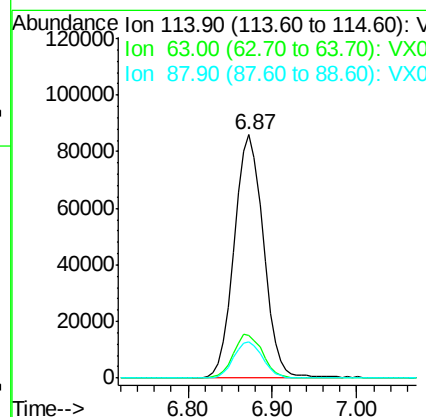
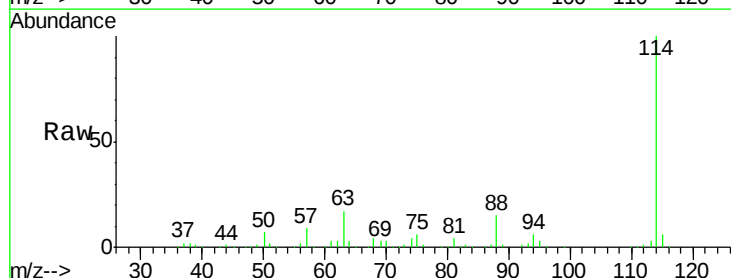
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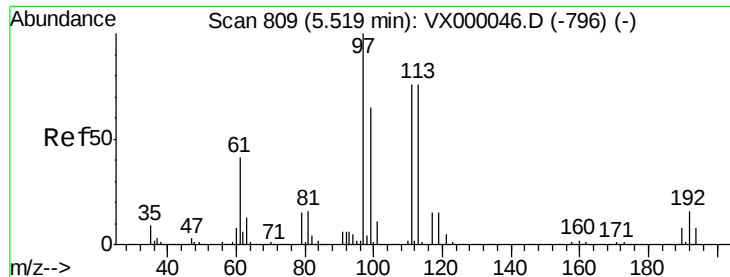
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion: 114 Resp: 203219
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 36.0
 88 14.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.85 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

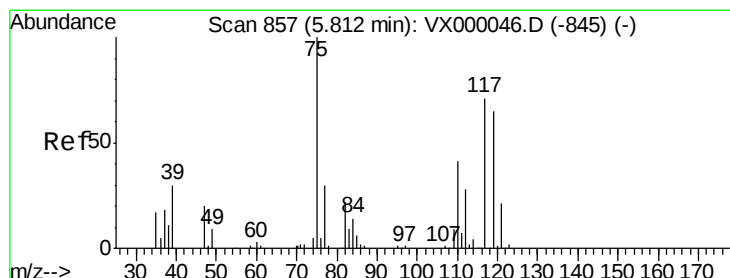
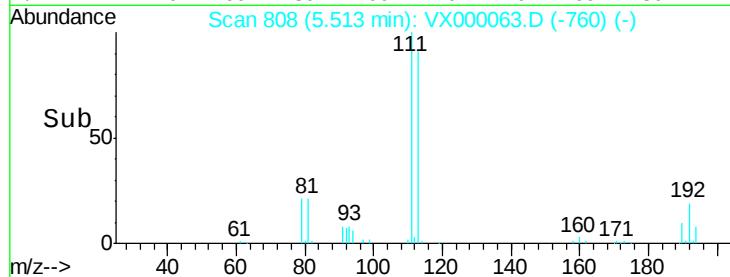
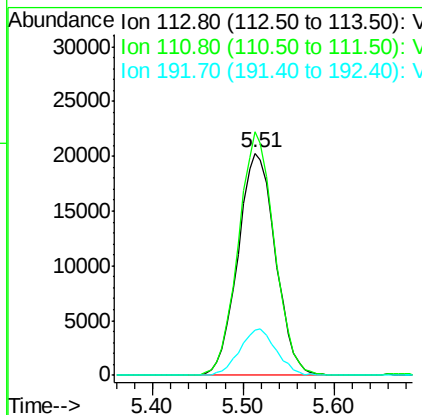
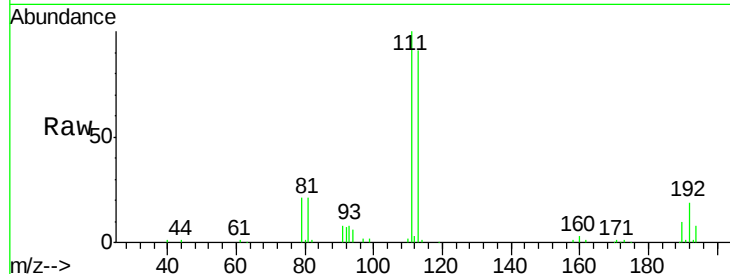
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	113	Resp:	57960
Ion	Ratio	Lower	Upper
113	100		
111	105.3	80.5	120.7
192	20.3	16.9	25.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 0.91 ug/l

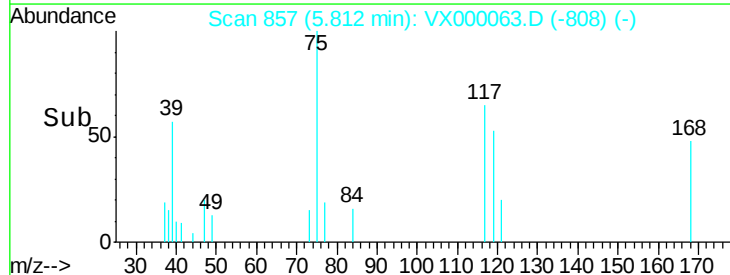
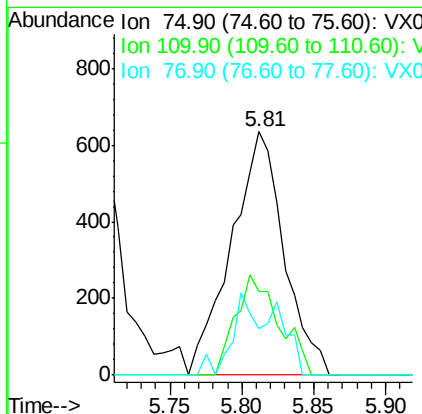
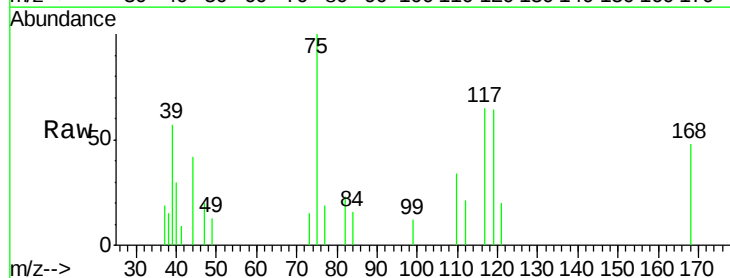
RT: 5.81 min Scan# 857

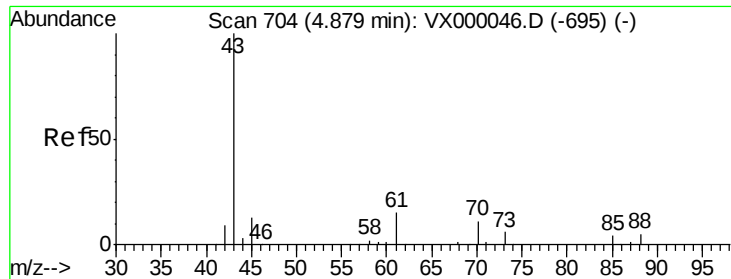
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	75	Resp:	1614
Ion	Ratio	Lower	Upper
75	100		
110	34.2	19.4	58.4
77	15.7	24.2	36.4#





#37

Ethyl Acetate

Concen: 0.98 ug/l

RT: 4.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

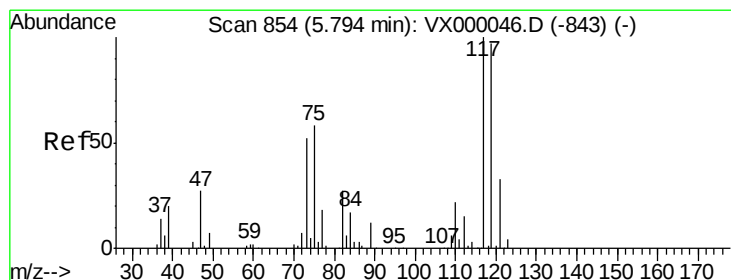
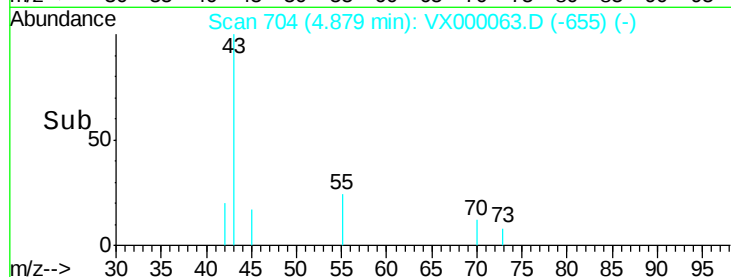
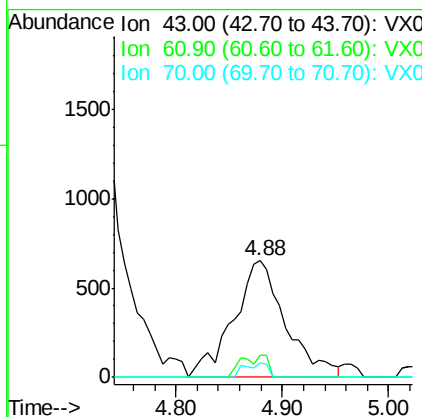
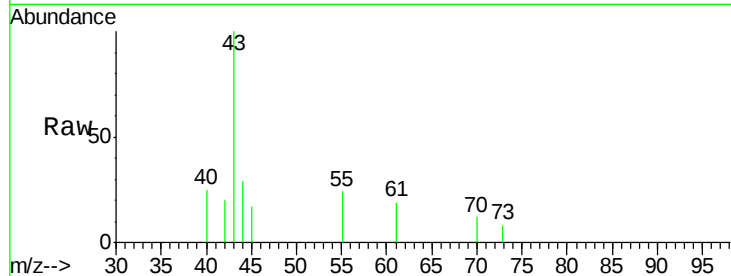
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	43	Resp:	2240
Ion	Ratio	Lower	Upper
43	100		
61	5.6	11.4	17.2#
70	5.4	9.0	13.6#

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#38

Carbon Tetrachloride

Concen: 0.84 ug/l

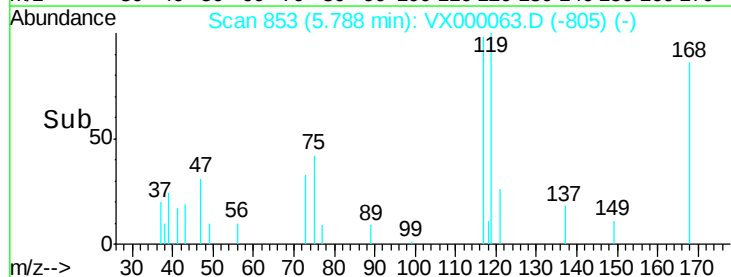
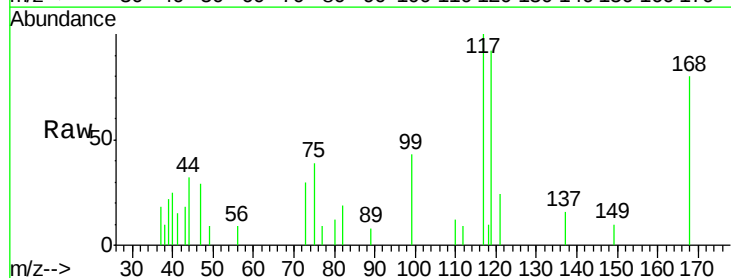
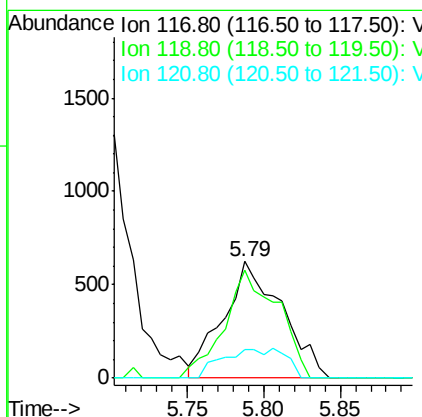
RT: 5.79 min Scan# 853

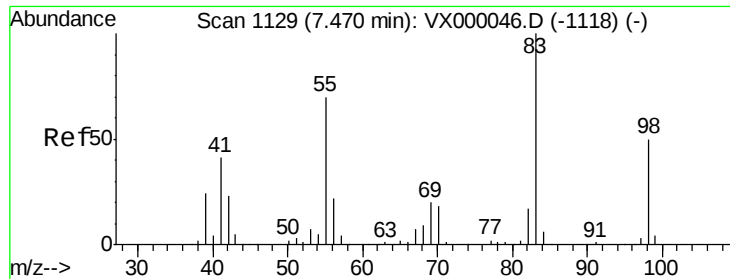
Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	117	Resp:	1659
Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.9	115.3
121	24.0	25.8	38.8#





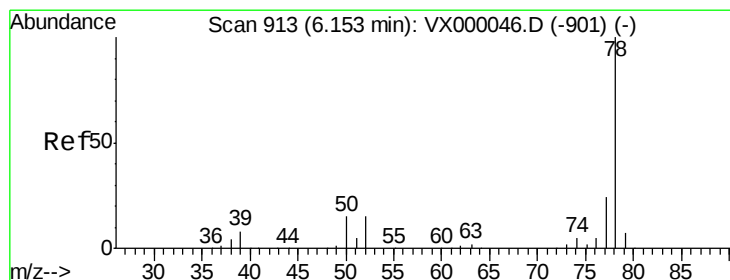
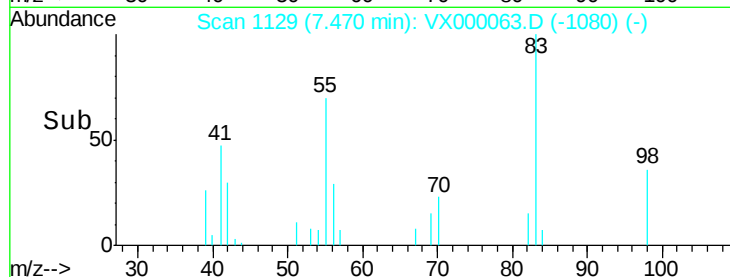
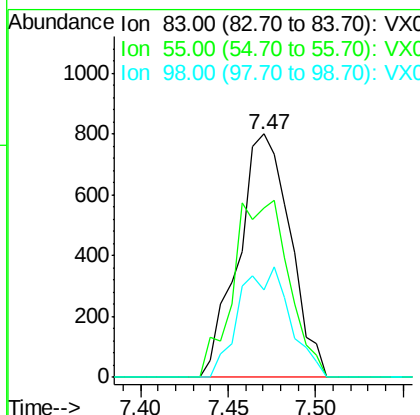
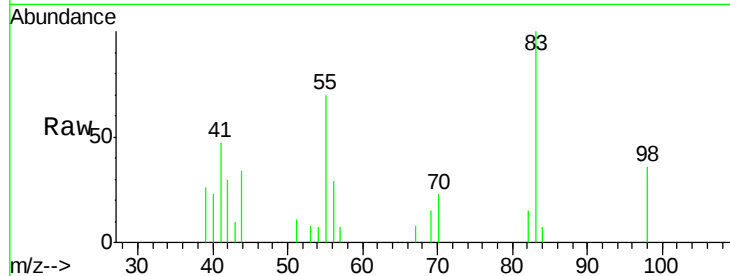
#39
Methvlcvclohexane
Concen: 0.77 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	55.7	83.5
98	36.1	39.7	59.5#

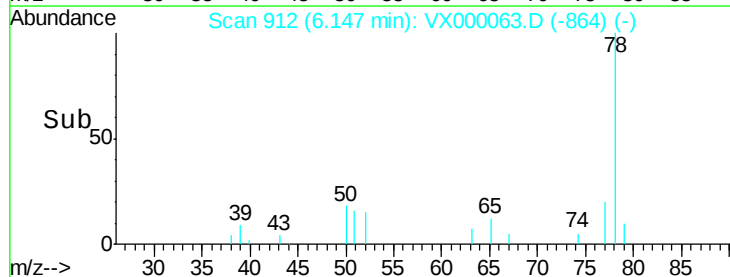
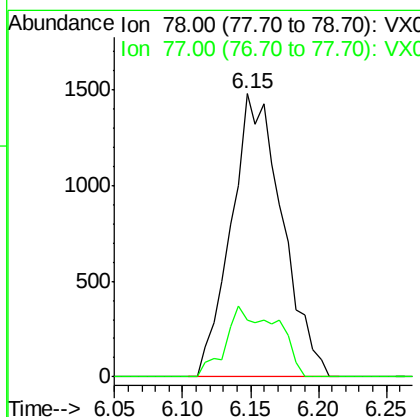
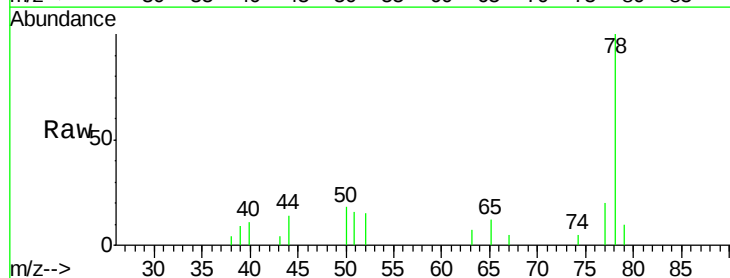
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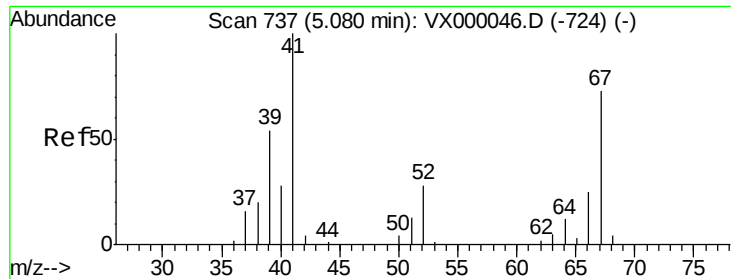
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#40
Benzene
Concen: 0.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	19.9	19.4	29.2





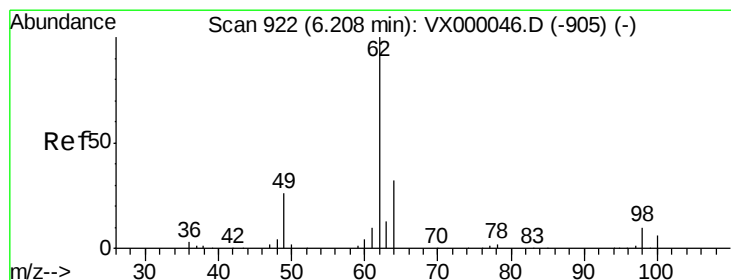
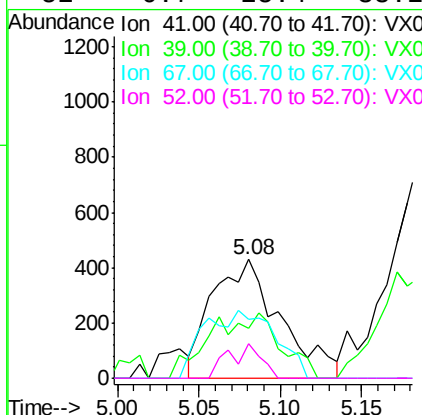
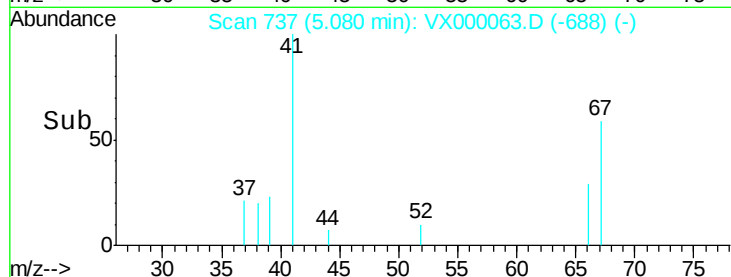
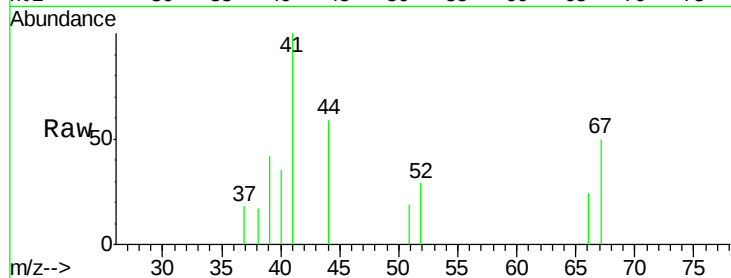
#41
Methacrylonitrile
Concen: 1.06 ug/l m
RT: 5.08 min Scan# 737
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	22.8	45.8	68.8#	
67	59.9	60.6	91.0#	
52	6.7	25.4	38.2#	

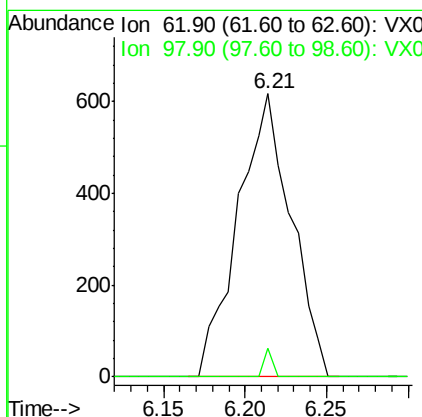
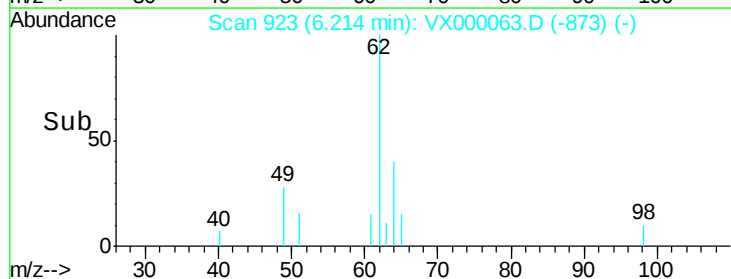
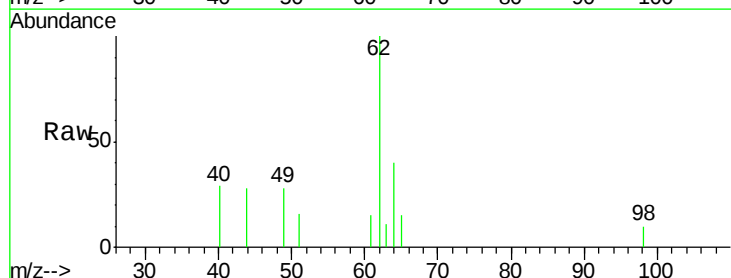
Manual Integrations
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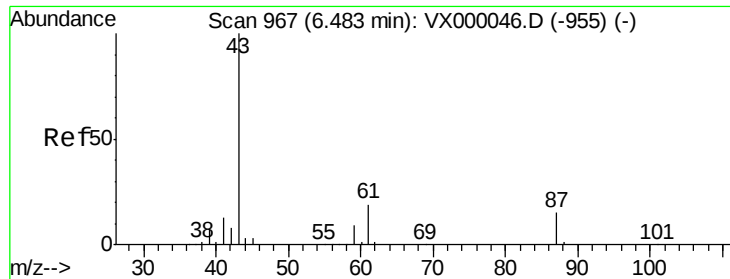
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#42
1,2-Dichloroethane
Concen: 0.78 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	1.7	0.0	18.6	





#43

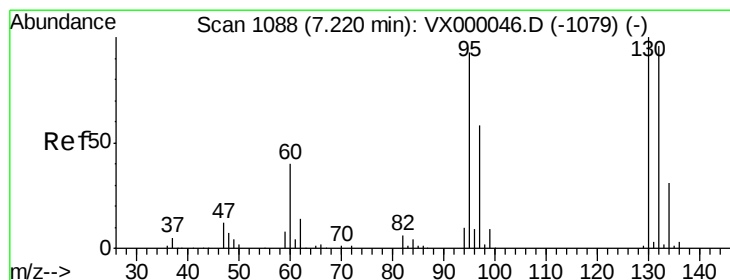
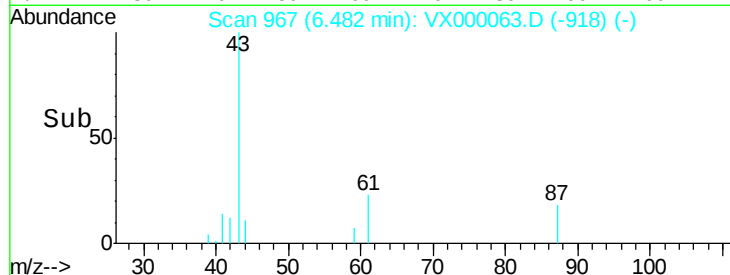
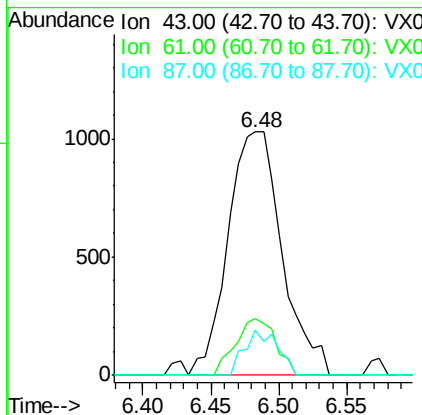
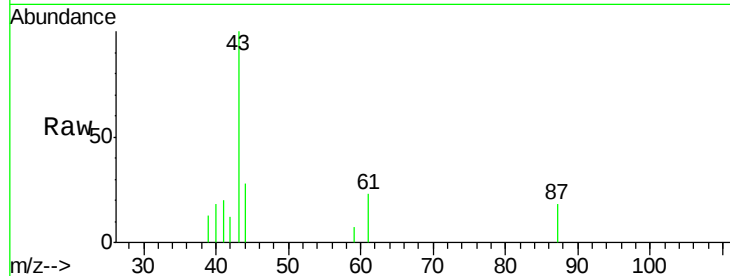
Isopropyl Acetate
 Concen: 0.83 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 Client Sampled :
 MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	15.9	23.9
87	11.4	11.8	17.6

Manual Integrations
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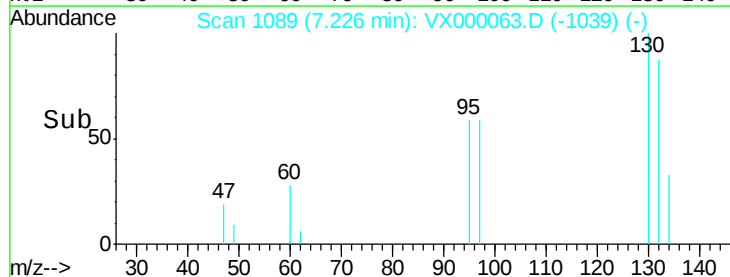
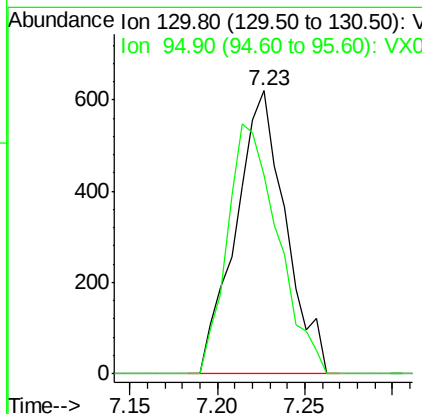
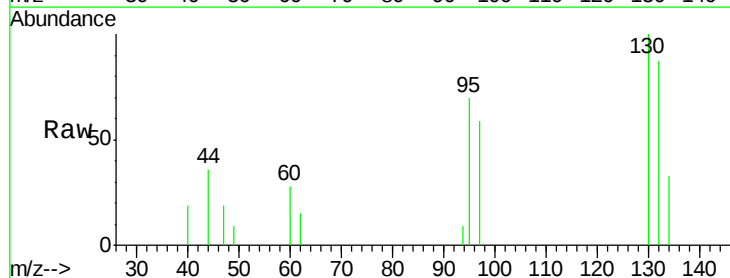
MMDadoda
 2/16/2018 11:44:42 AM

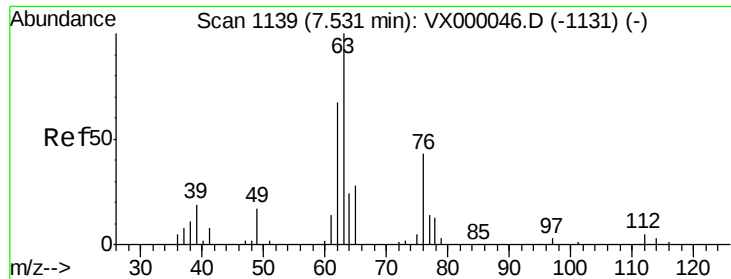


#44

Trichloroethene
 Concen: 0.79 ug/l
 RT: 7.23 min Scan# 1089
 Delta R.T. 0.01 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	70.3	0.0	185.2





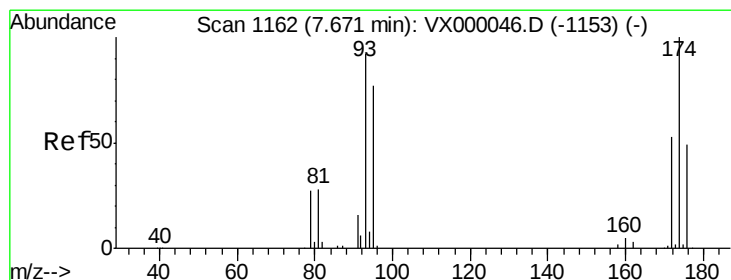
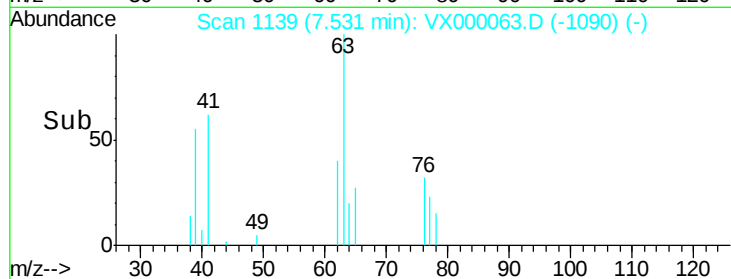
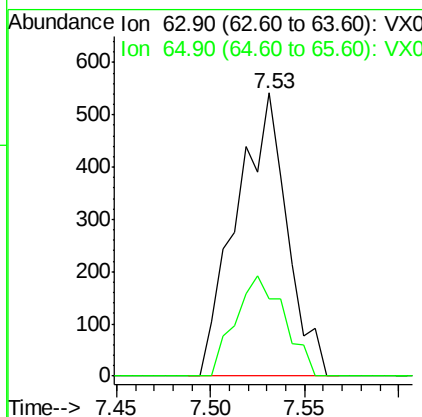
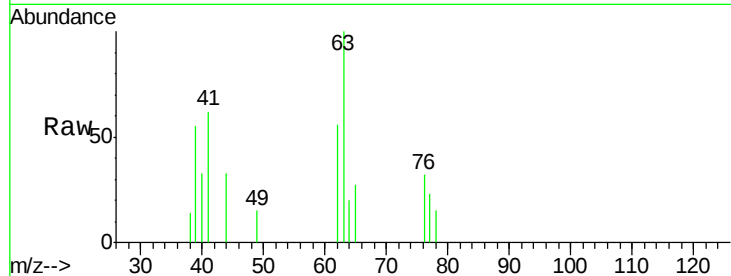
#45
 1,2-Dichloropropane
 Concen: 0.83 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion: 63 Resp: 1010
 Ion Ratio Lower Upper
 63 100
 65 27.1 23.7 35.5

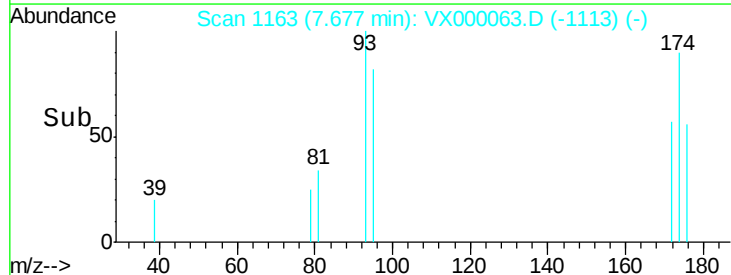
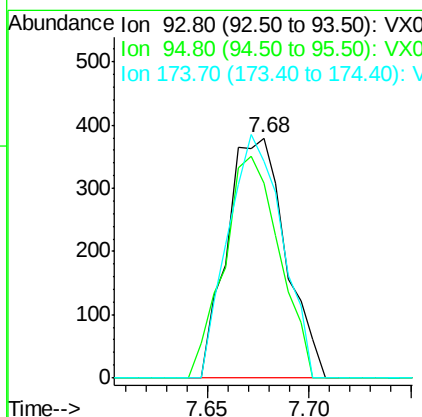
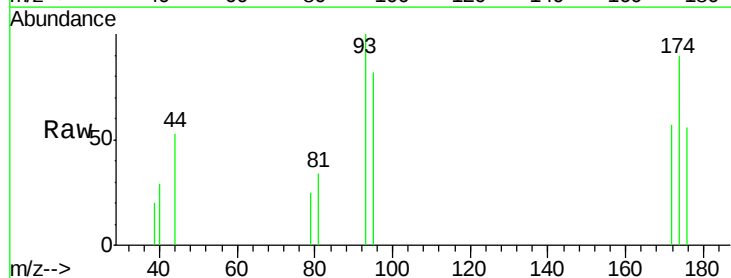
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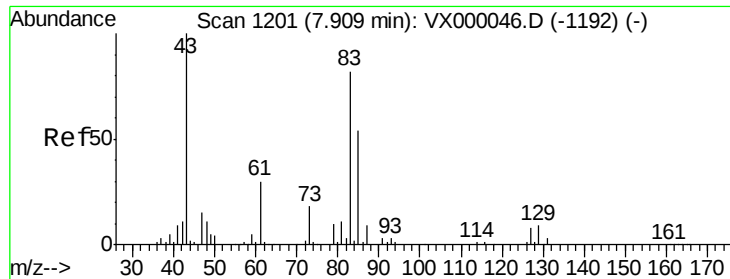
MMDadoda
 2/16/2018 11:44:42 AM



#46
 Dibromomethane
 Concen: 0.80 ug/l
 RT: 7.68 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion: 93 Resp: 754
 Ion Ratio Lower Upper
 93 100
 95 87.5 66.3 99.5
 174 94.0 90.4 135.6





#47

Bromodichloromethane

Concen: 0.79 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

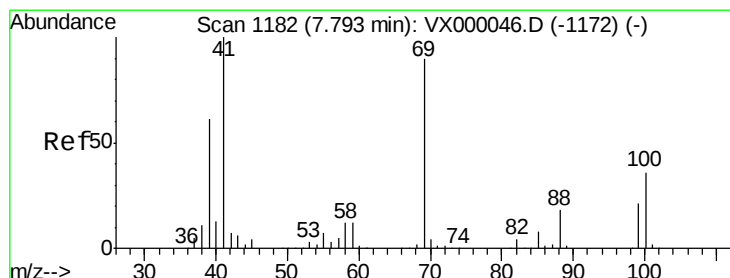
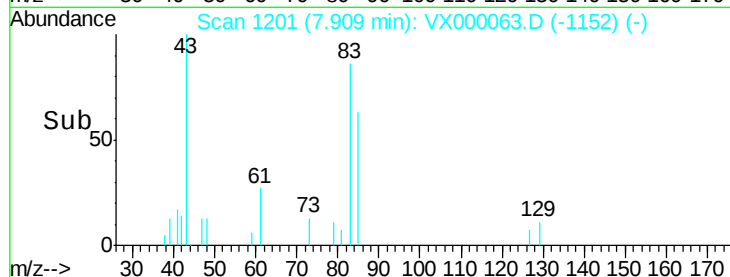
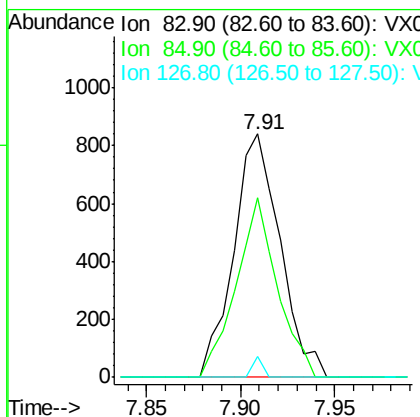
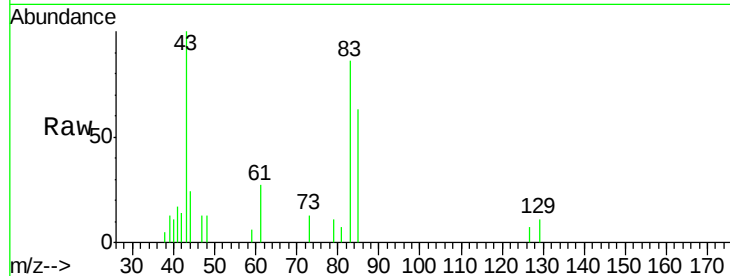
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	83	Resp:	1436
Ion	Ratio	Lower	Upper
83	100		
85	73.6	52.3	78.5
127	8.6	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 11:44:42 AM



#48

Methyl methacrylate

Concen: 0.94 ug/l

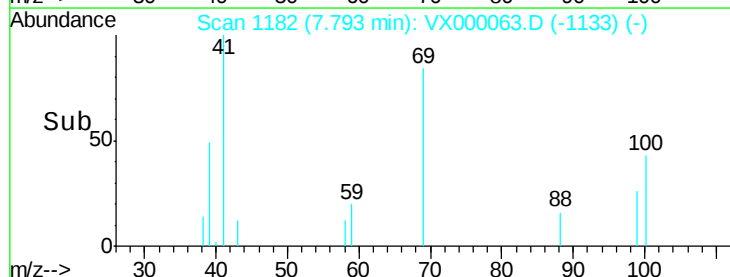
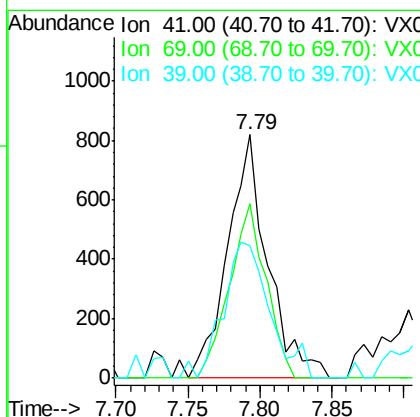
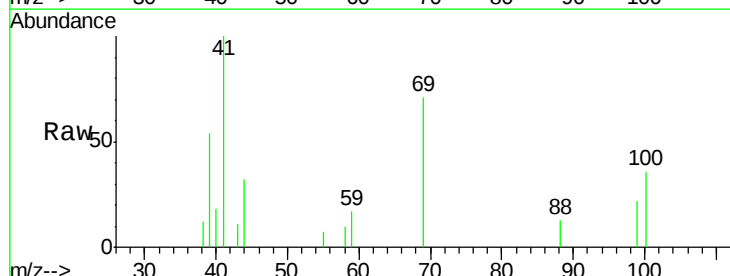
RT: 7.79 min Scan# 1182

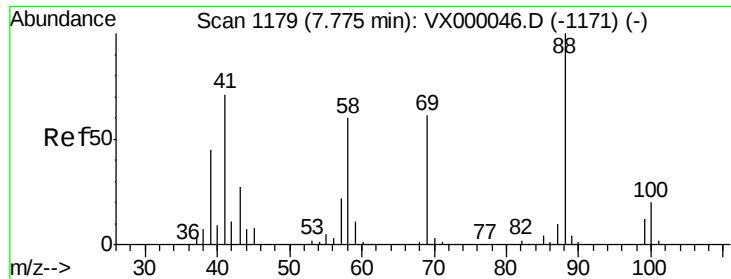
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	41	Resp:	1587
Ion	Ratio	Lower	Upper
41	100		
69	65.3	72.1	108.1#
39	65.2	49.6	74.4





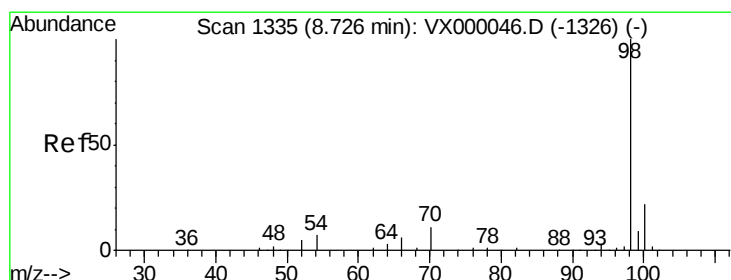
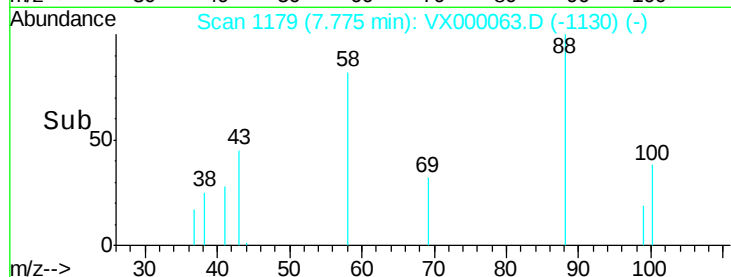
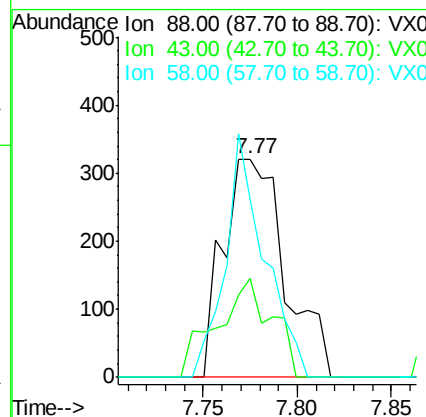
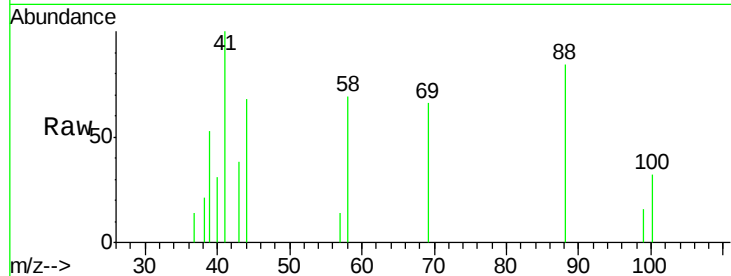
#49
1,4-Dioxane
Concen: 16.21 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampleId :
MDL 01 0.75PPB

Tot Ion: 88 Resp: 730
Ion Ratio Lower Upper
88 100
43 40.4 22.6 33.8#
58 70.5 49.4 74.2

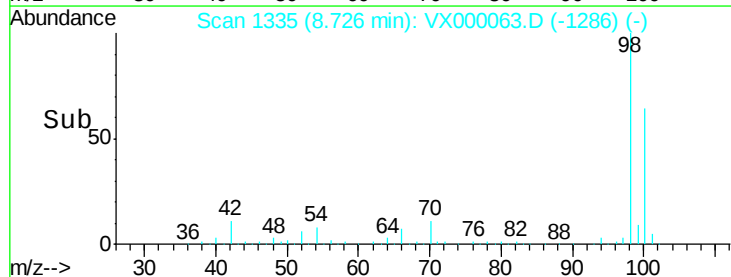
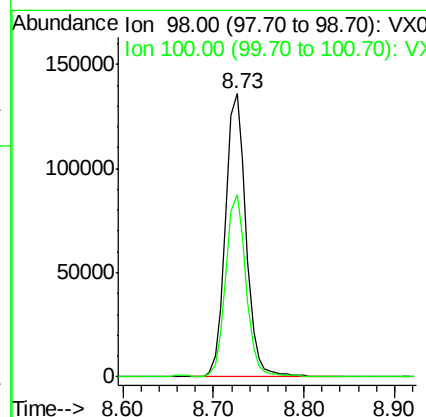
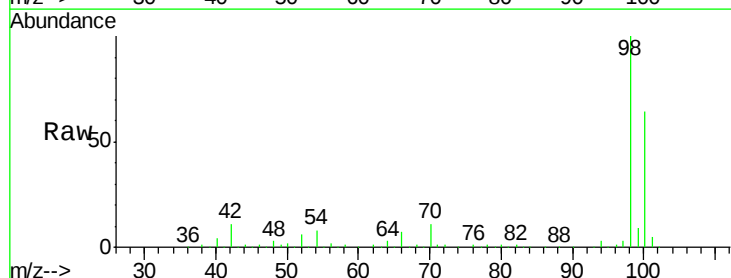
Manual Integrations
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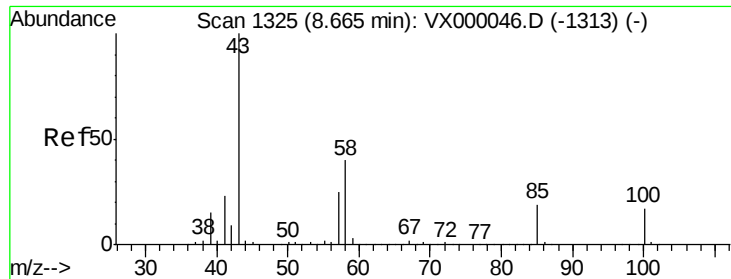
MMDadoda
2/16/2018 11:44:42 AM



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 98 Resp: 216647
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 4.02 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 43 Resp: 9643

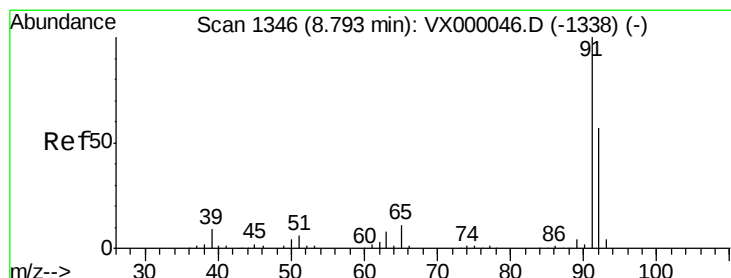
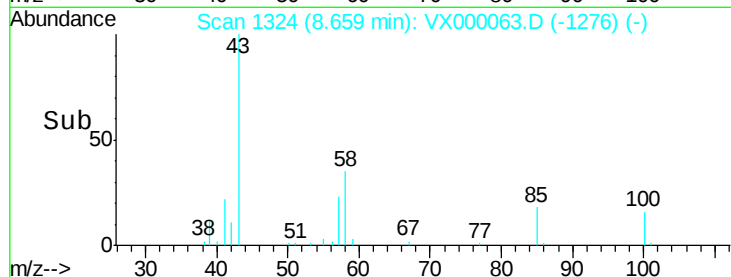
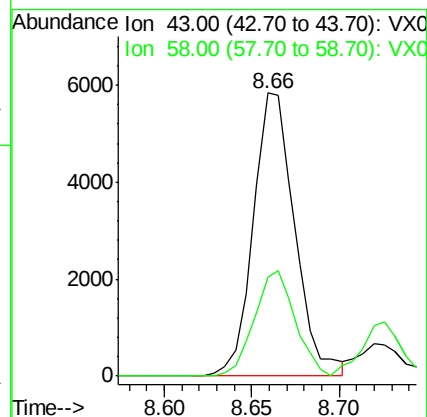
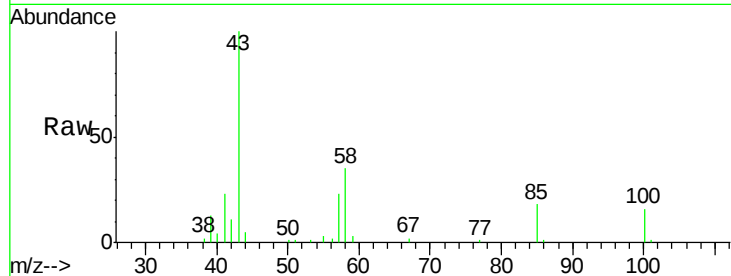
Ion Ratio Lower Upper

43 100

58 36.4 32.1 48.1

Manual Integrations
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MMDadoda
2/16/2018 11:44:42 AM



#52

Toluene

Concen: 0.72 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000063.D

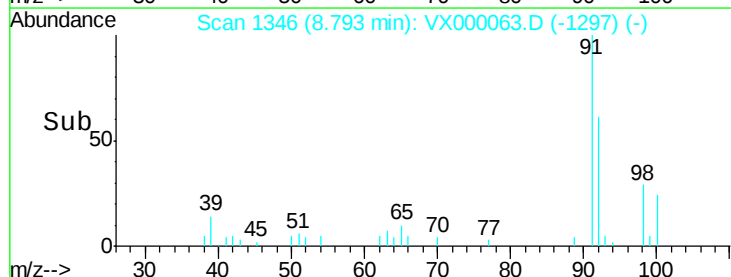
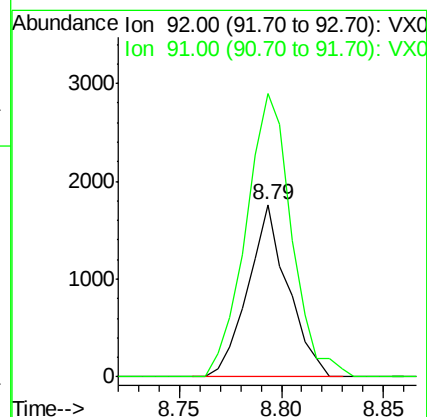
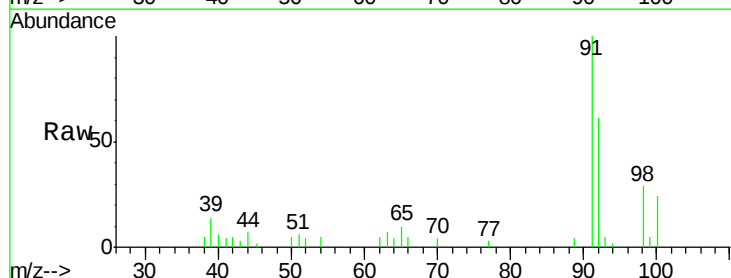
Acq: 12 Feb 2018 13:58

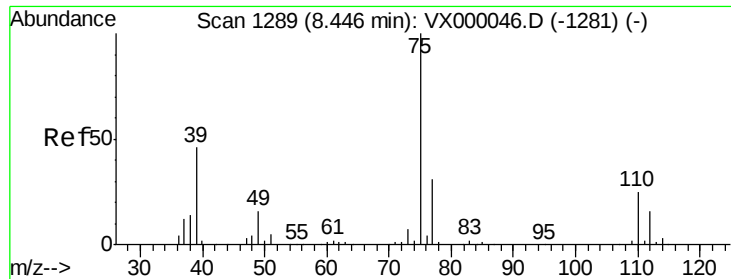
Tgt Ion: 92 Resp: 2402

Ion Ratio Lower Upper

92 100

91 187.6 139.8 209.6





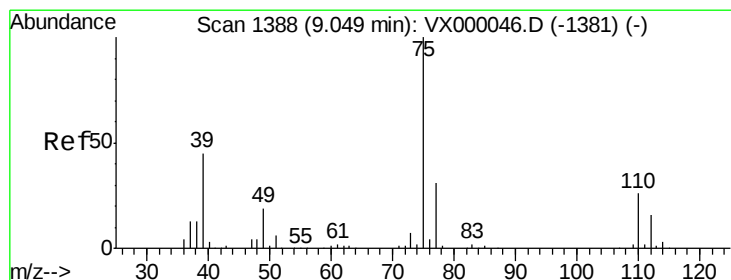
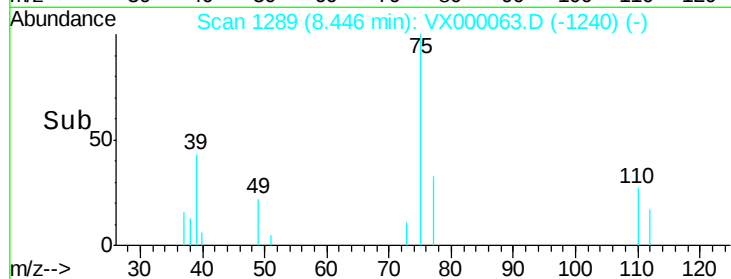
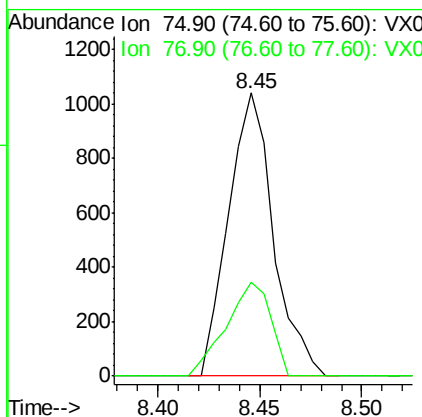
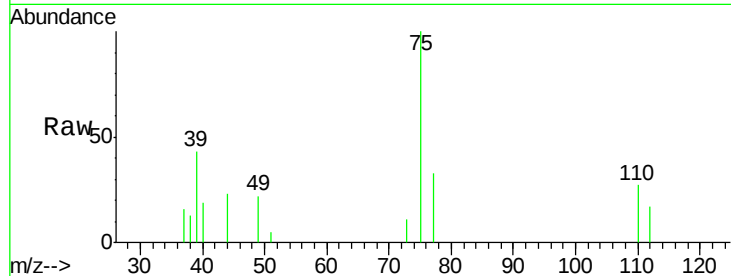
#53
 t-1,3-Dichloropropene
 Concen: 0.75 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion: 75 Resp: 1592
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.0 37.4

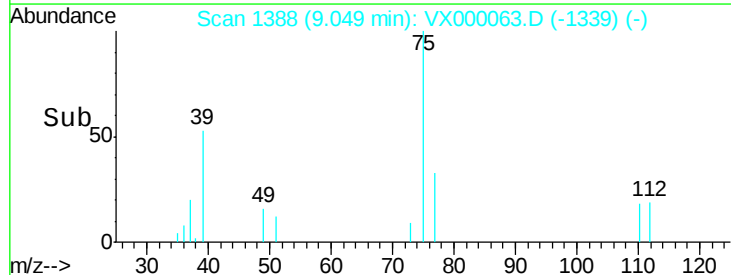
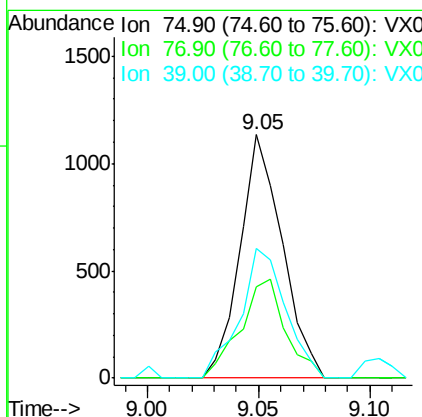
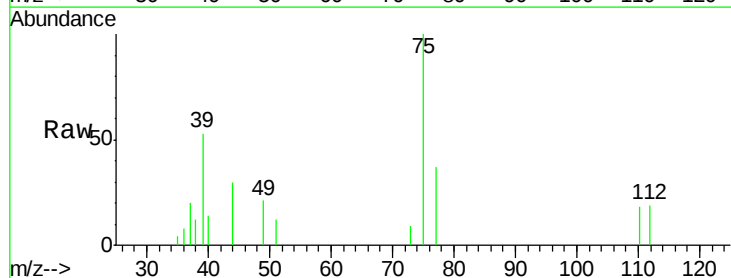
Manual Integrations
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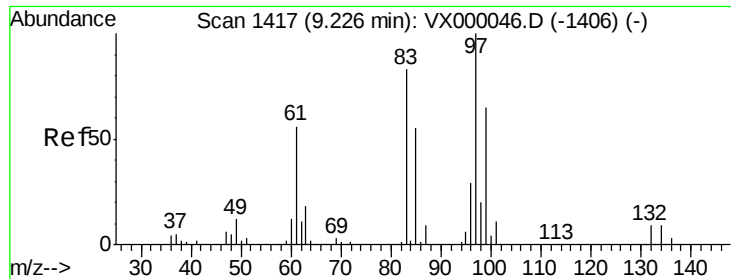
MMDadoda
 2/16/2018 11:44:42 AM



#54
 cis-1,3-Dichloropropene
 Concen: 0.72 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion: 75 Resp: 1503
 Ion Ratio Lower Upper
 75 100
 77 37.3 25.1 37.7
 39 53.0 36.1 54.1





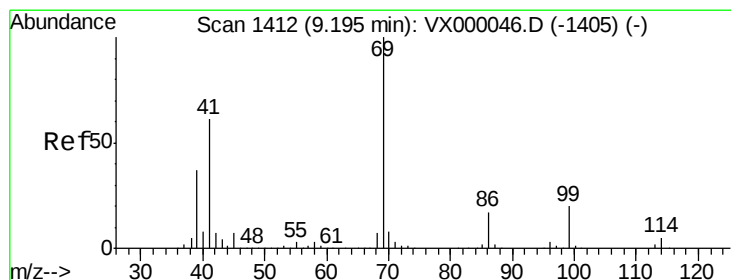
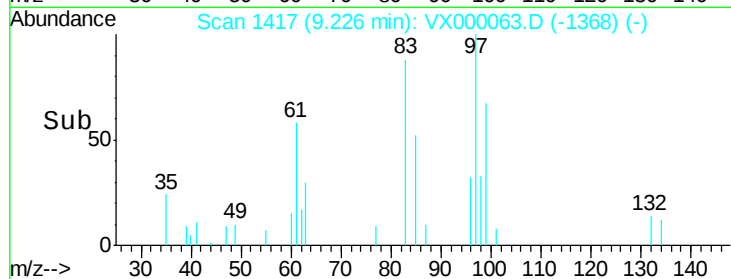
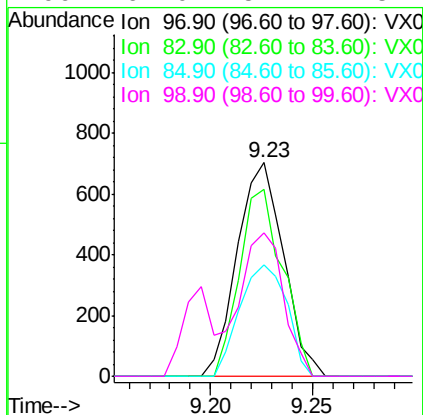
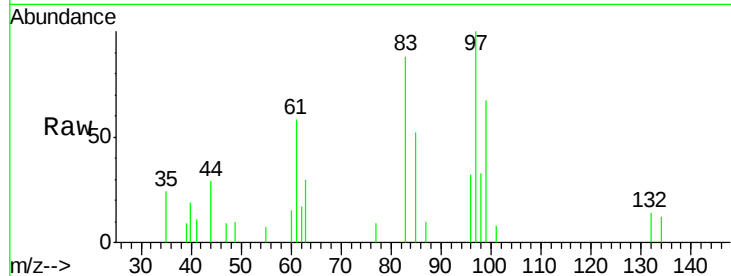
#55
 1,1,2-Trichloroethane
 Concen: 0.79 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion:	97	Resp:	1107
Ion	Ratio	Lower	Upper
97	100		
83	87.8	66.5	99.7
85	52.3	43.8	65.6
99	67.0	52.2	78.4

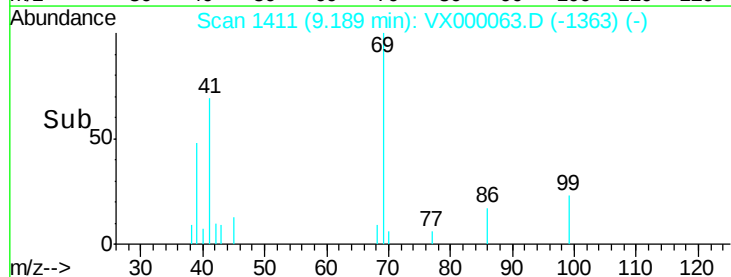
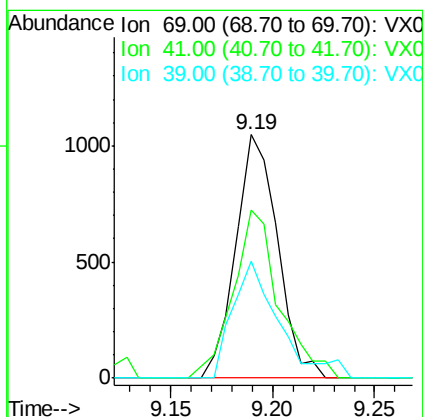
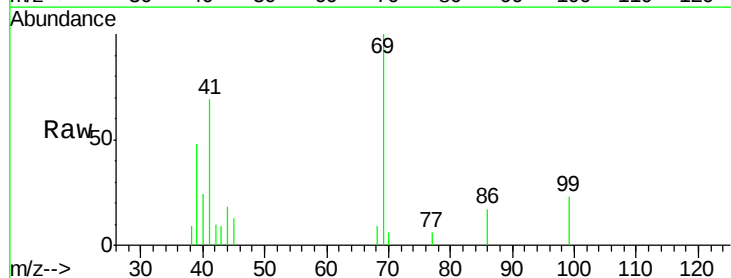
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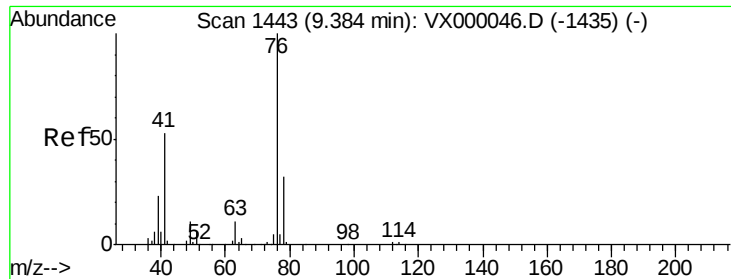
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 2/16/2018 11:44:42 AM



#56
 Ethyl methacrylate
 Concen: 0.69 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion:	69	Resp:	1490
Ion	Ratio	Lower	Upper
69	100		
41	76.2	49.5	74.3#
39	53.1	29.9	44.9#





#57

1,3-Dichloropropane

Concen: 0.77 ug/l

RT: 9.38 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 76 Resp: 1681

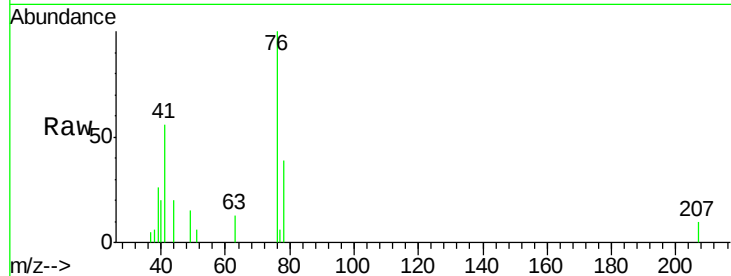
Ion Ratio Lower Upper

76 100

78 35.8 25.9 38.9

Manual Integrations
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MMDadoda
2/16/2018 11:44:42 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

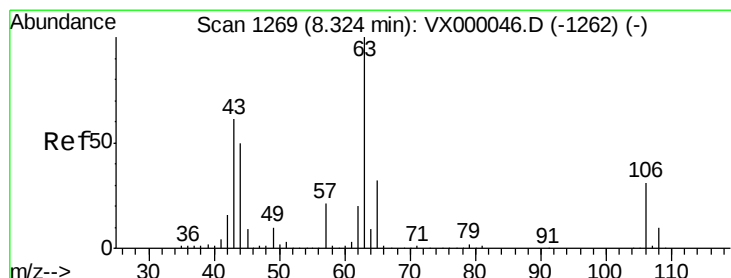
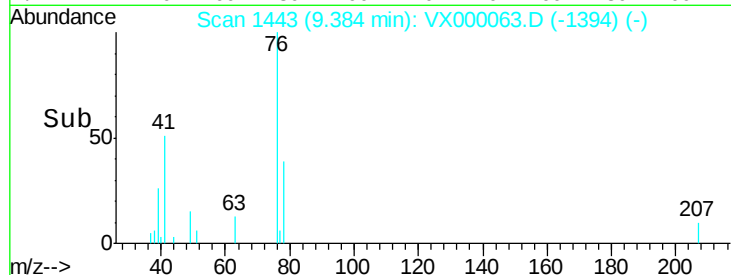
9.38

1000

500

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 4.06 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX000063.D

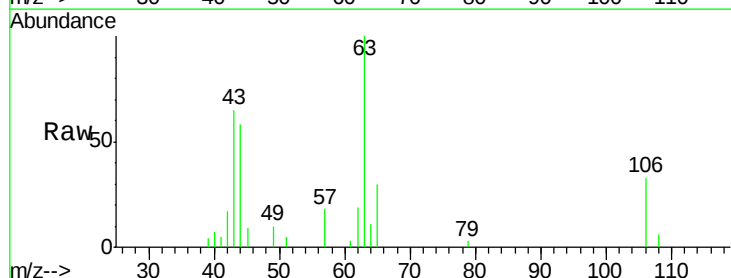
Acq: 12 Feb 2018 13:58

Tgt Ion: 63 Resp: 4329

Ion Ratio Lower Upper

63 100

106 29.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

3000

2500

2000

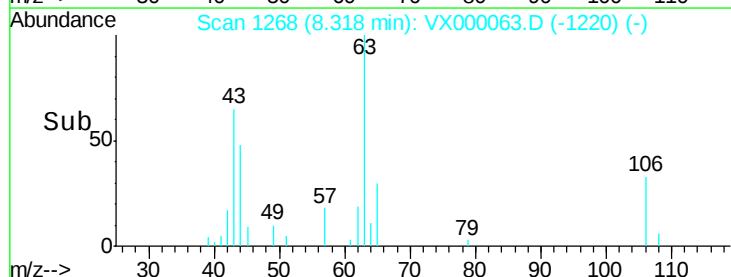
1500

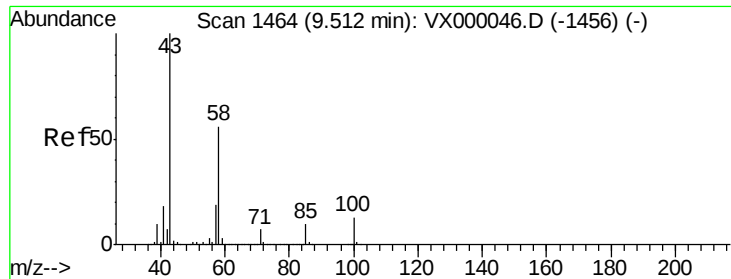
1000

500

0

Time-->





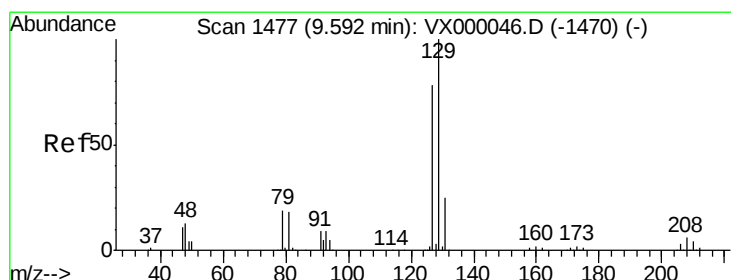
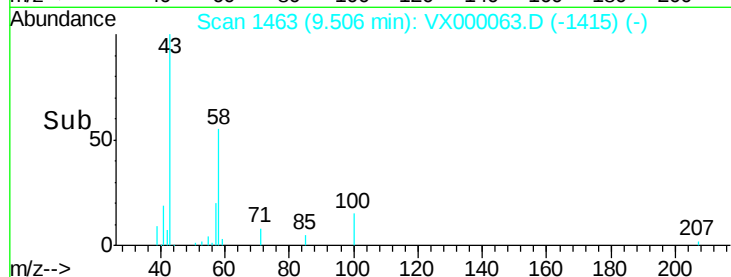
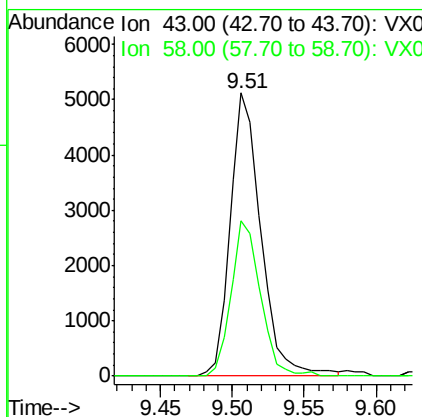
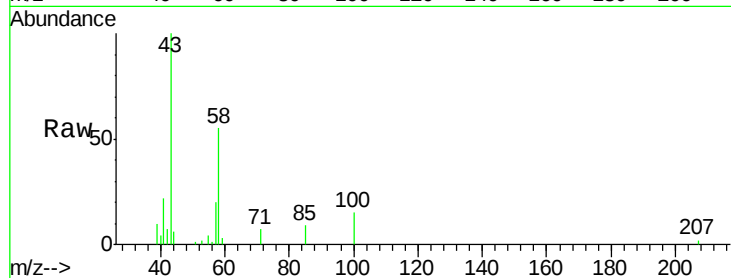
#59
2-Hexanone
Concen: 3.93 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

Tot Ion: 43 Resp: 7672
Ion Ratio Lower Upper
43 100
58 52.2 27.6 82.7

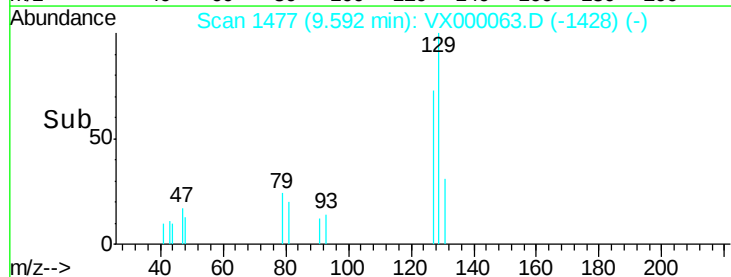
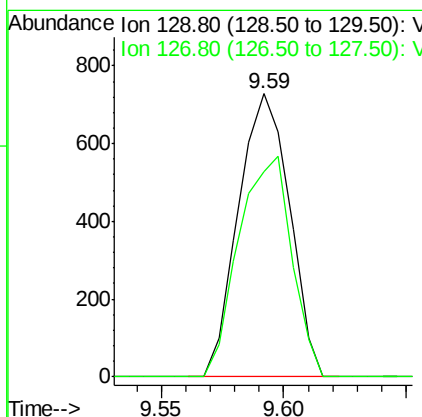
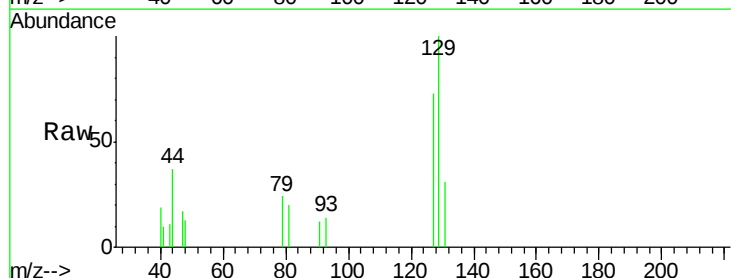
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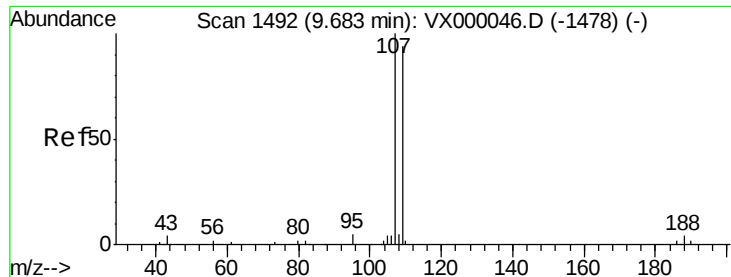
MMDadoda
2/16/2018 11:44:42 AM



#60
Dibromochloromethane
Concen: 0.65 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 129 Resp: 1059
Ion Ratio Lower Upper
129 100
127 80.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.74 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampleId :

MDL 01 0.75PPB

Tot Ion:107 Resp: 1153

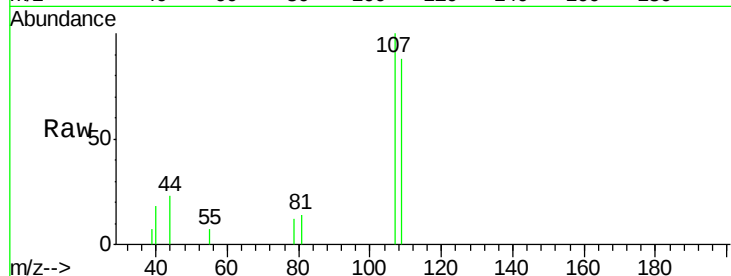
Ion Ratio Lower Upper

107 100

109 87.5 74.6 111.8

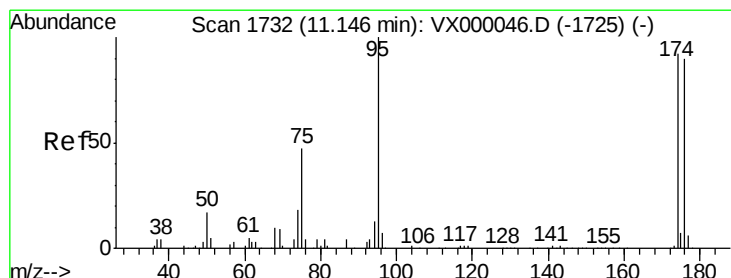
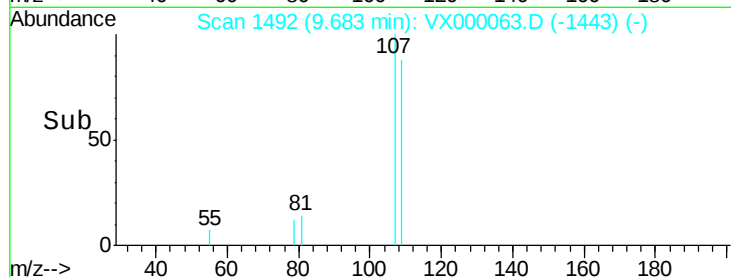
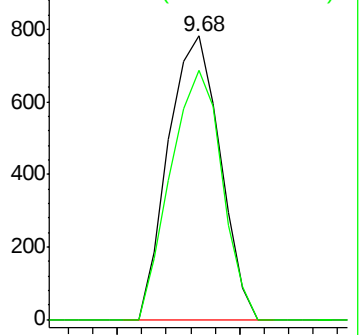
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.50 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

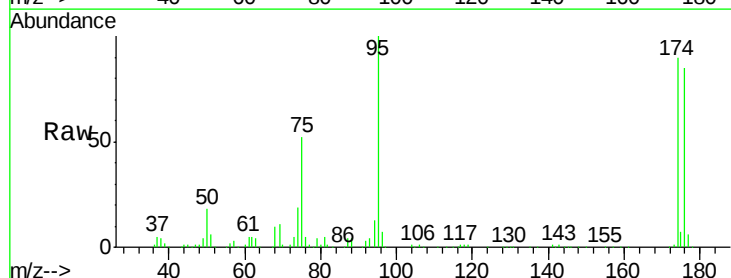
Tgt Ion: 95 Resp: 87091

Ion Ratio Lower Upper

95 100

174 90.0 0.0 185.6

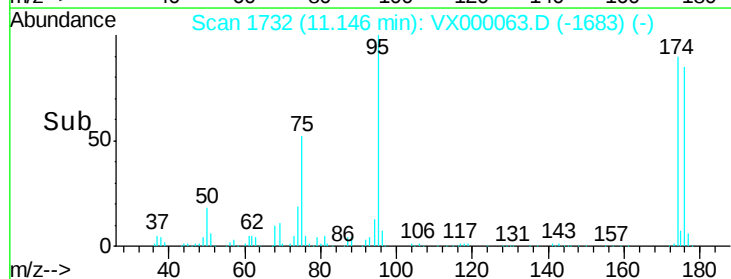
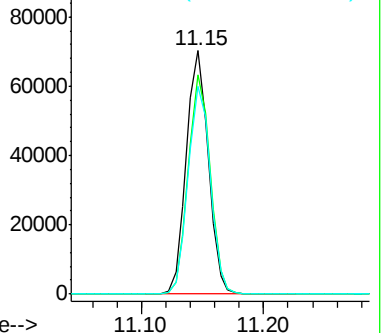
176 86.4 0.0 181.8

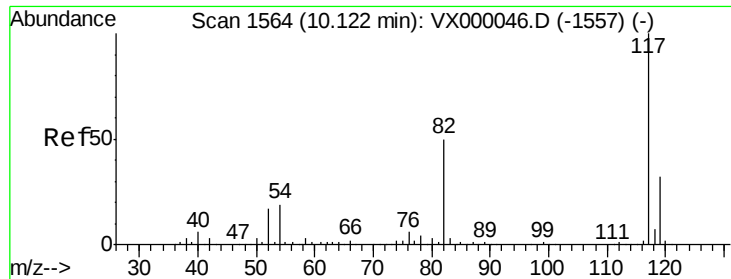


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

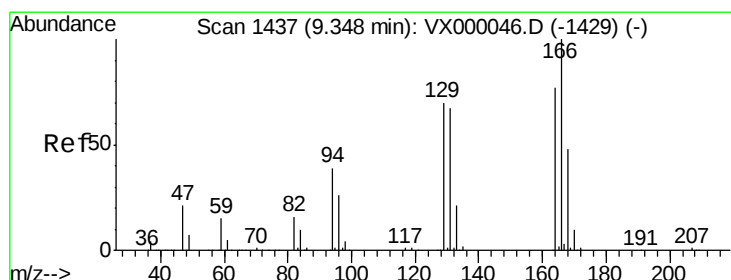
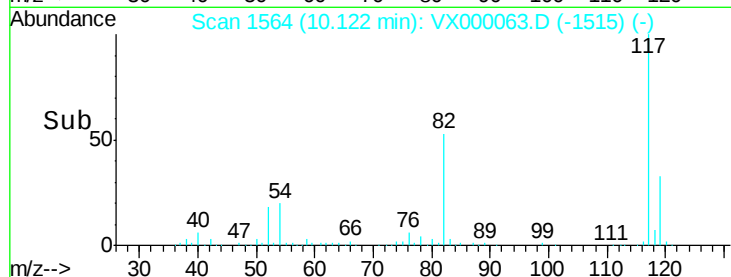
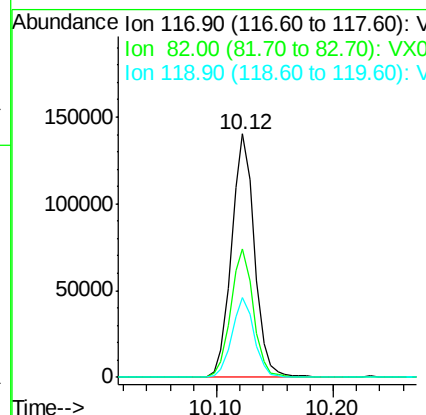
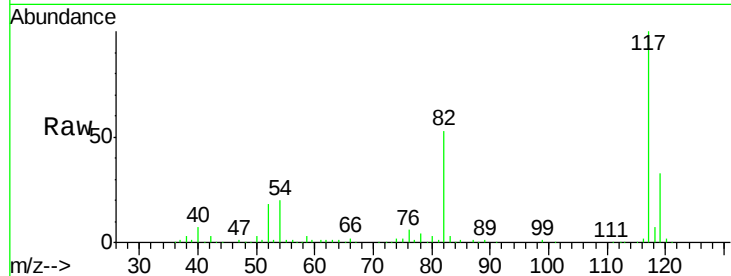
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	117	Resp:	191232
Ion Ratio	Lower	Upper	
117	100		
82	52.6	40.3	60.5
119	32.7	25.3	37.9

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#64

Tetrachloroethene

Concen: 0.67 ug/l

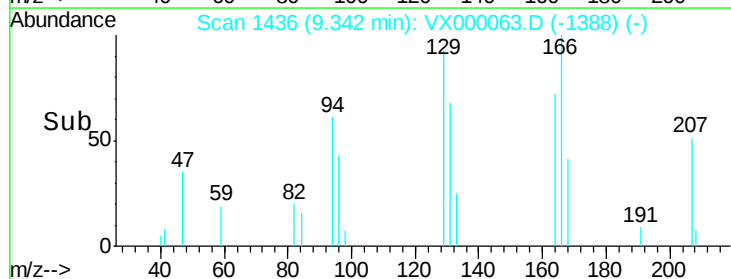
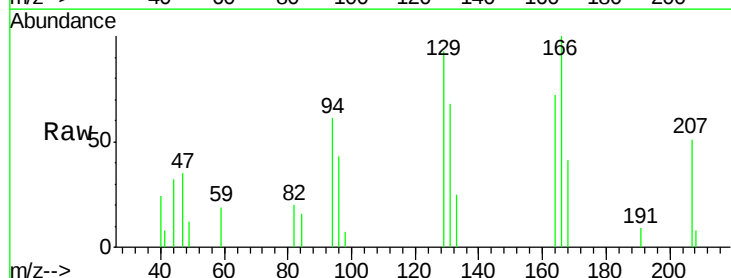
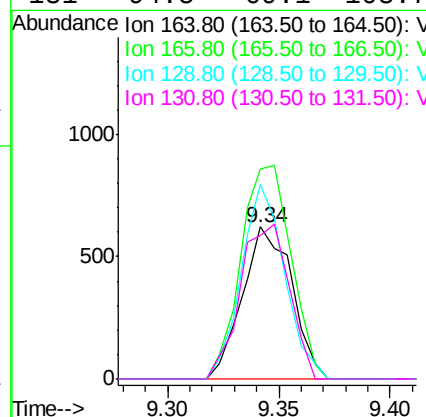
RT: 9.34 min Scan# 1436

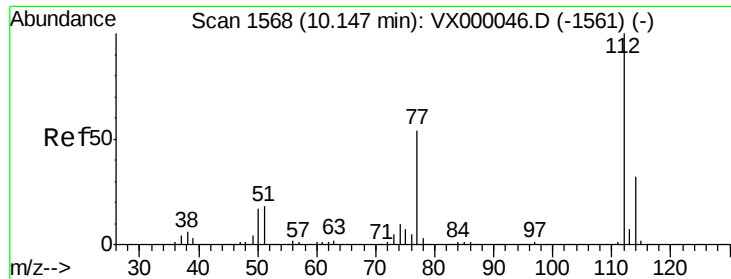
Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	164	Resp:	960
Ion Ratio	Lower	Upper	
164	100		
166	138.1	103.7	155.5
129	127.8	72.2	108.4
131	94.5	69.1	103.7





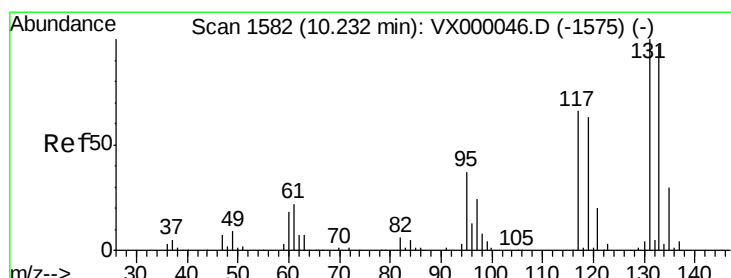
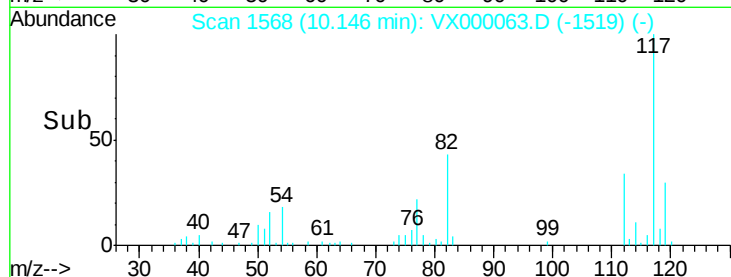
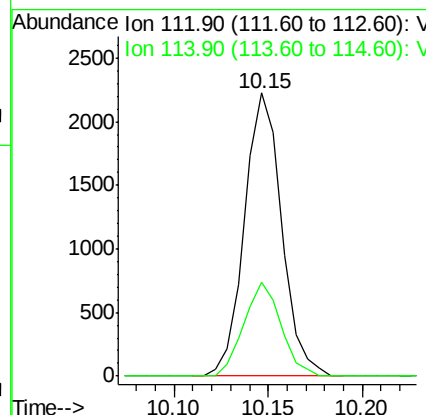
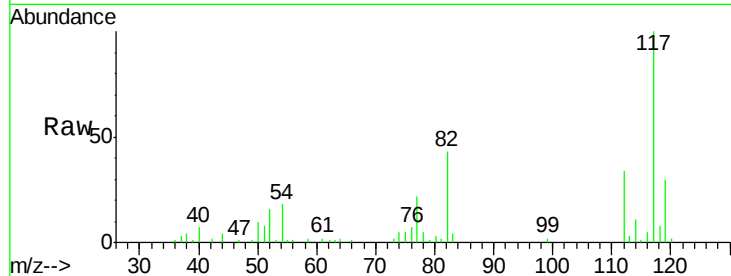
#65
Chlorobenzene
Concen: 0.77 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
Client Sampled :
MDL 01 0.75PPB

Tot Ion:112 Resp: 3047
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4

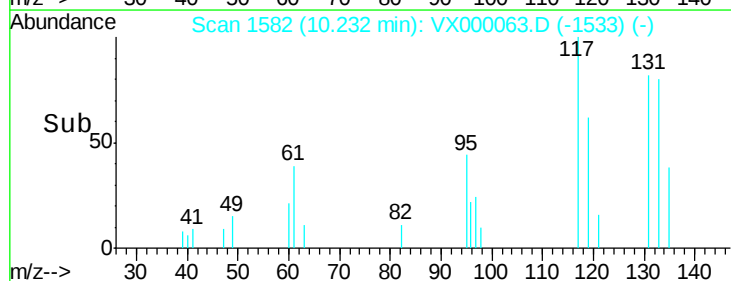
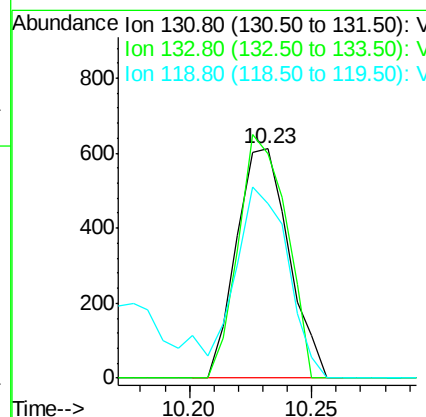
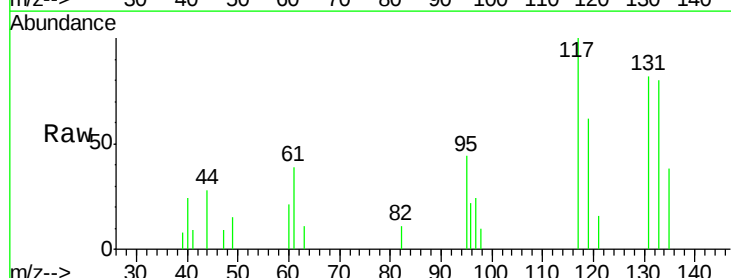
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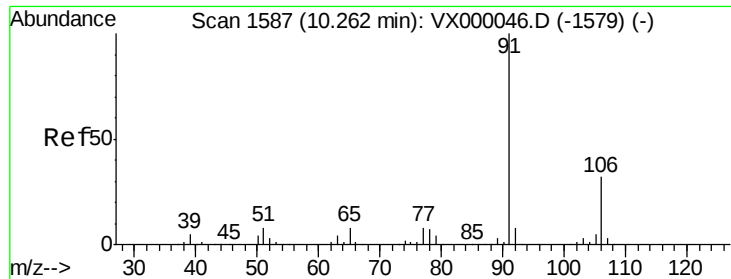
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#66
1,1,1,2-Tetrachloroethane
Concen: 0.64 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion:131 Resp: 912
Ion Ratio Lower Upper
131 100
133 97.3 47.6 142.9
119 0.0 31.7 95.1#





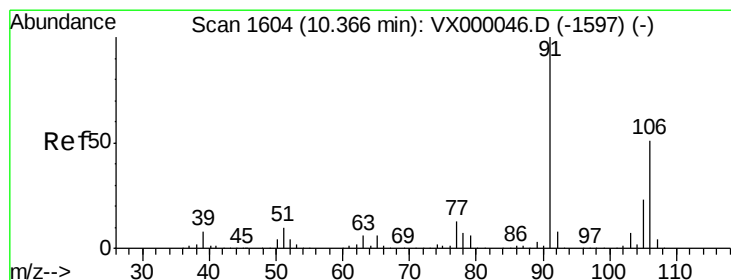
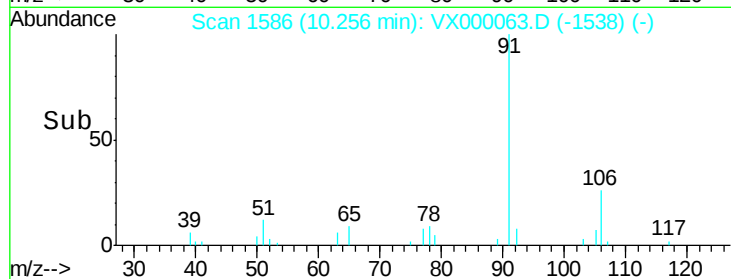
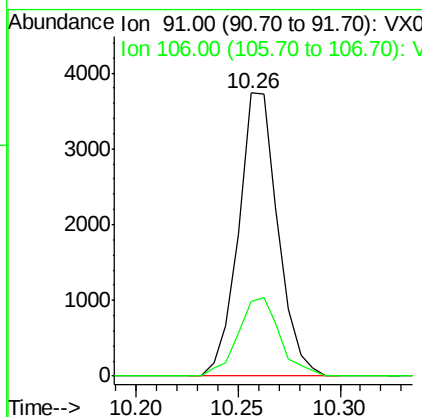
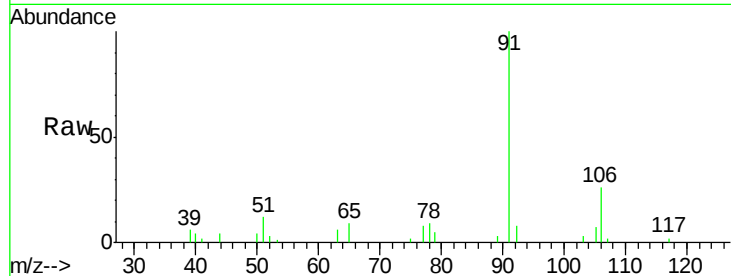
#67
Ethyl Benzene
Concen: 0.76 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
Client Sampled :
MDL 01 0.75PPB

Tot Ion: 91 Resp: 4995
Ion Ratio Lower Upper
91 100
106 26.5 25.9 38.9

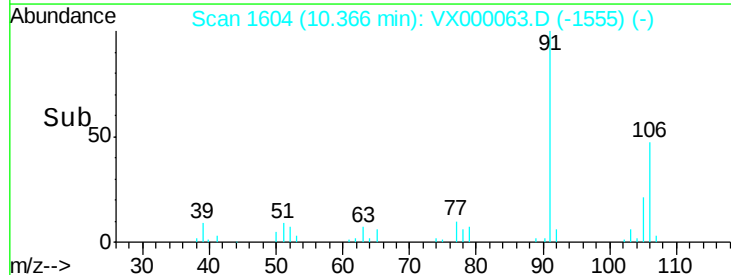
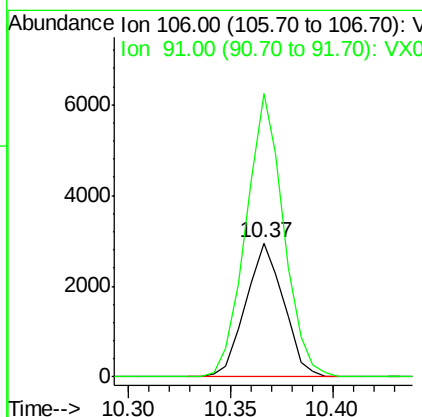
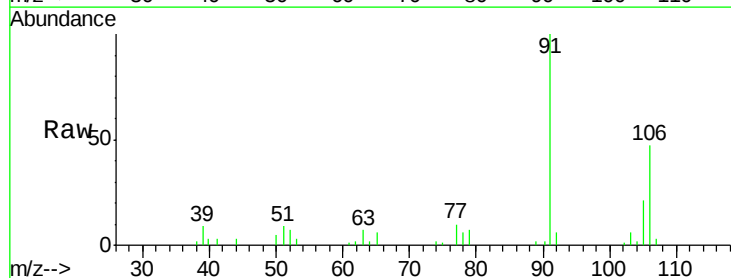
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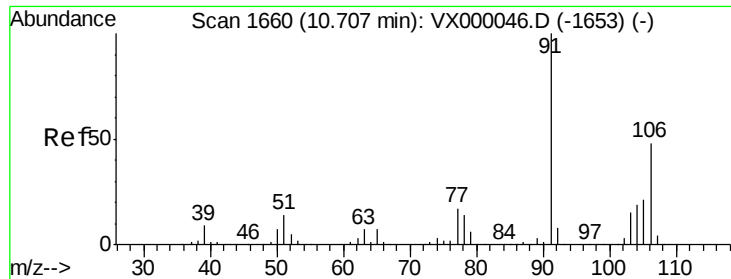
MMDadoda
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#68
m/p-Xylenes
Concen: 1.46 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion: 106 Resp: 3830
Ion Ratio Lower Upper
106 100
91 209.3 158.3 237.5





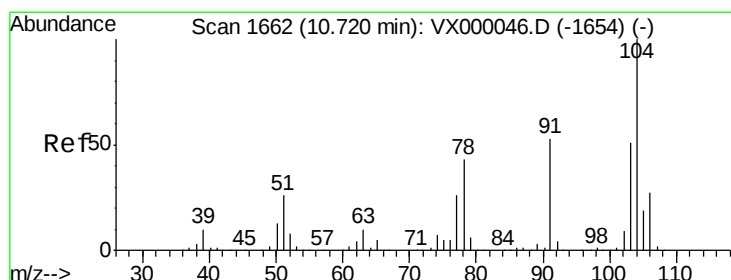
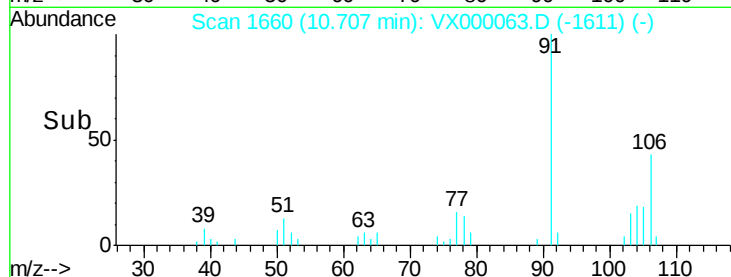
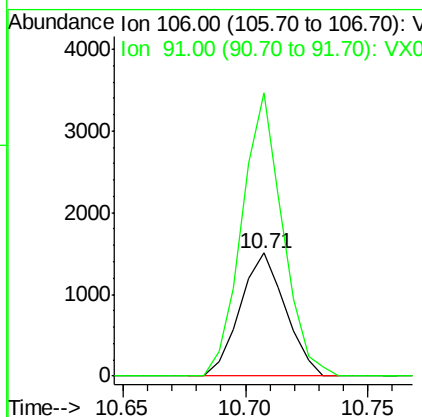
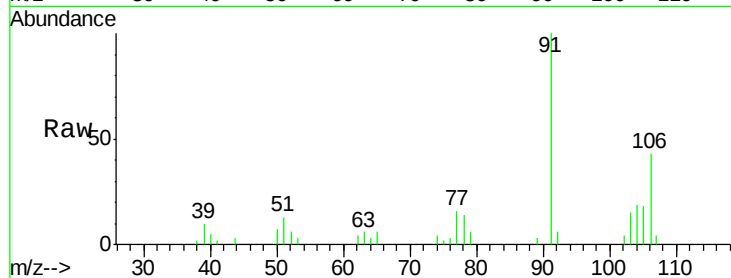
#69
o-Xylene
Concen: 0.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
Client Sampled :
MDL 01 0.75PPB

Tot Ion:106 Resp: 1932
Ion Ratio Lower Upper
106 100
91 207.3 104.0 312.0

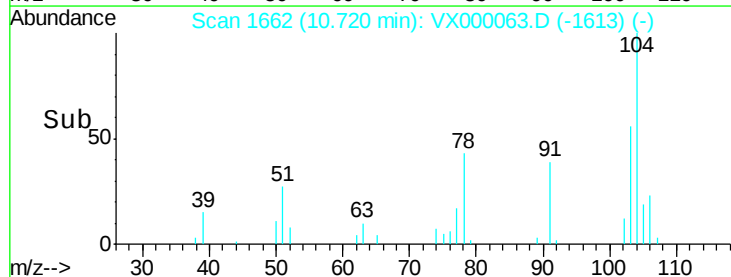
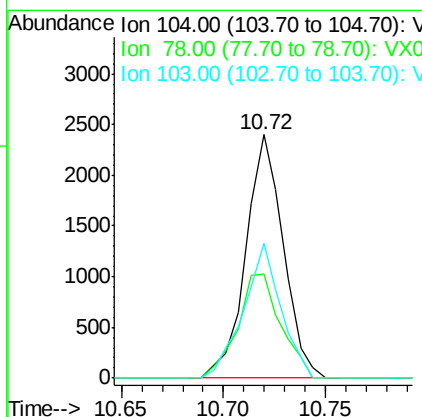
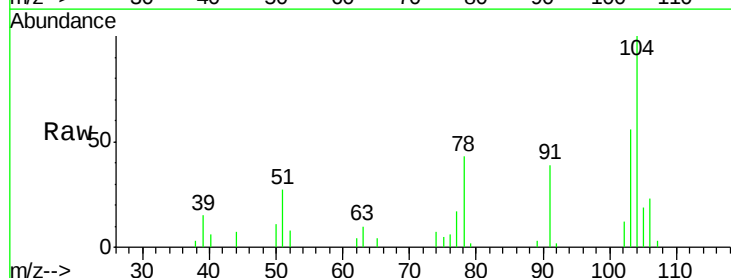
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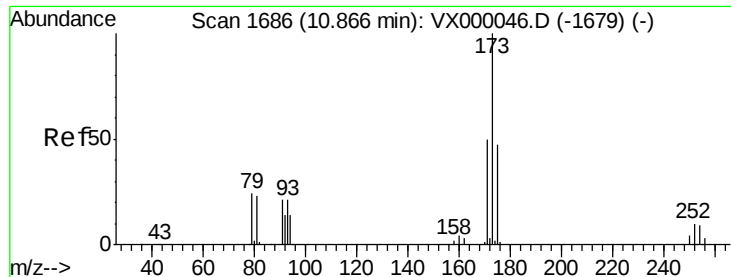
MMDadoda
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#70
Styrene
Concen: 0.72 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion:104 Resp: 3068
Ion Ratio Lower Upper
104 100
78 49.3 37.7 56.5
103 55.3 44.0 66.0





#71

Bromoform

Concen: 0.57 ug/l

RT: 10.87 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

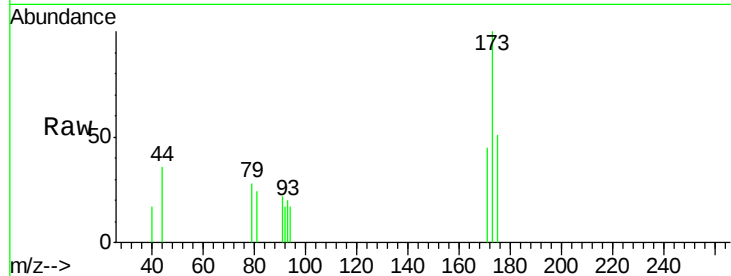
ClientSampled :

MDL 01 0.75PPB

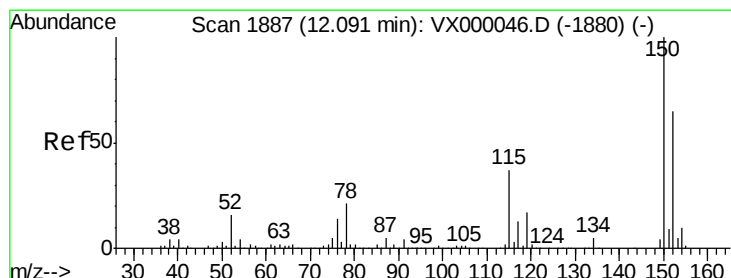
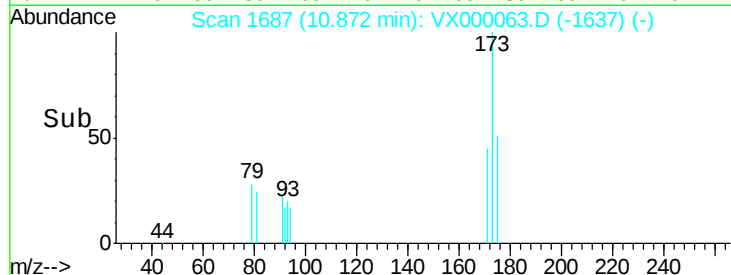
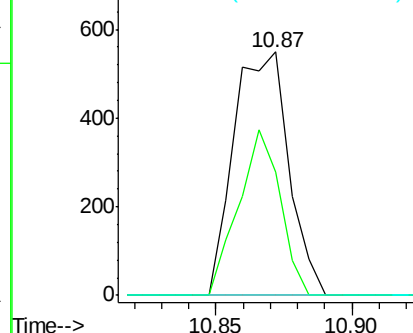
Tot Ion	Ratio	Lower	Upper
173	100		
175	51.8	23.9	71.8
254	0.0	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

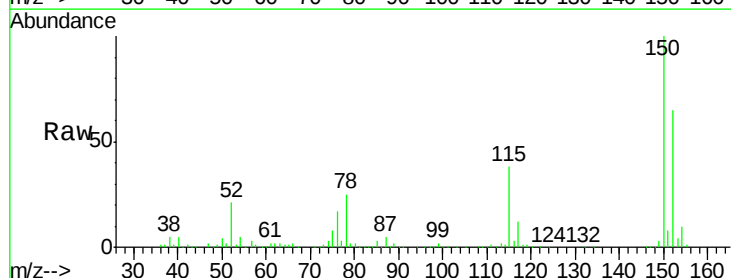
RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

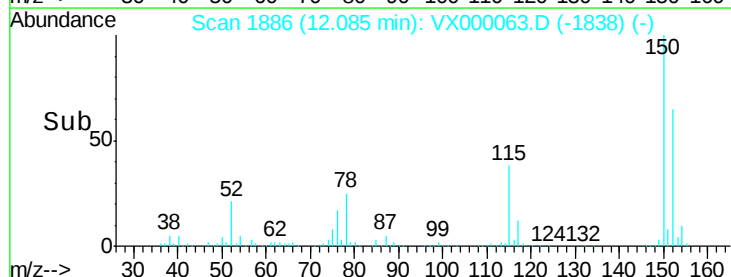
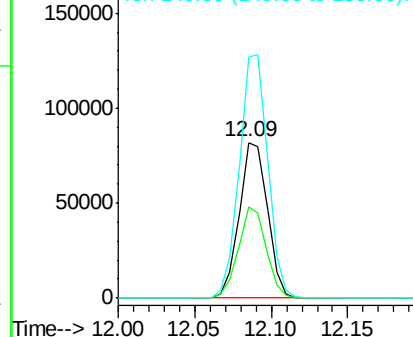
Lab File: VX000063.D

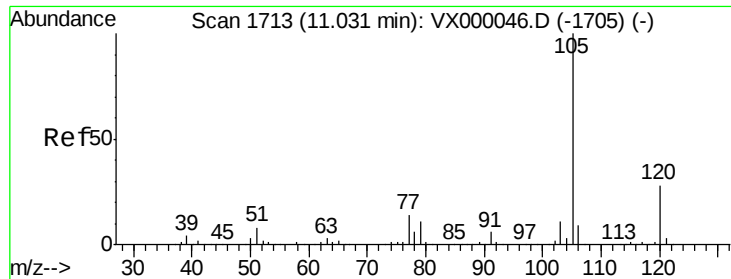
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	39.3	117.8
150	156.8	0.0	349.2



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





#73

Isopropylbenzene

Concen: 0.77 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampleId :

MDL 01 0.75PPB

Tot Ion:105 Resp: 5104

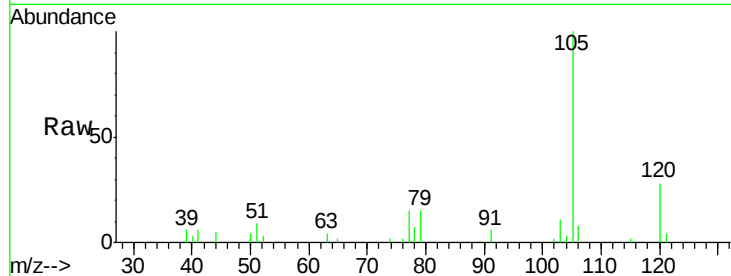
Ion Ratio Lower Upper

105 100

120 29.8 13.8 41.3

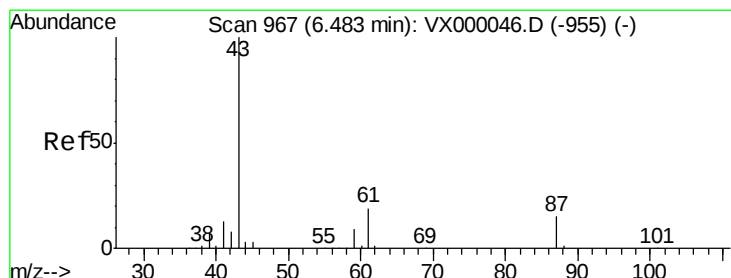
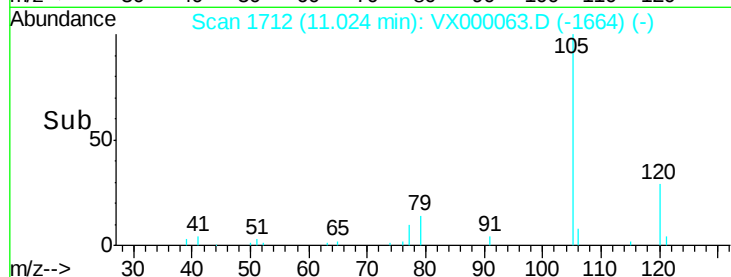
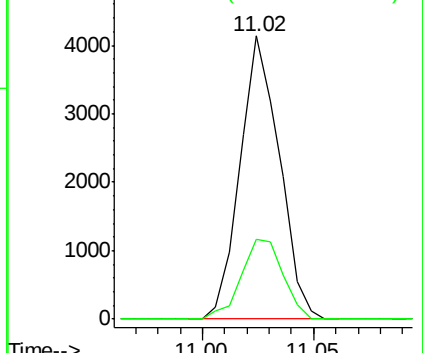
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.86 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

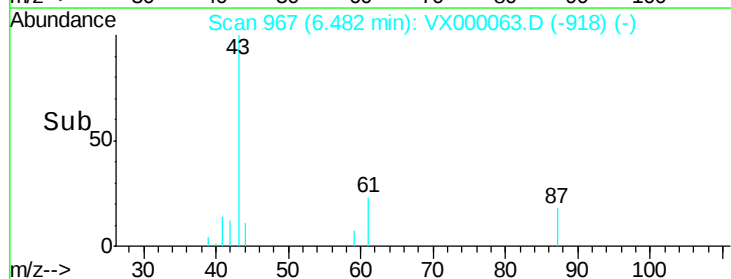
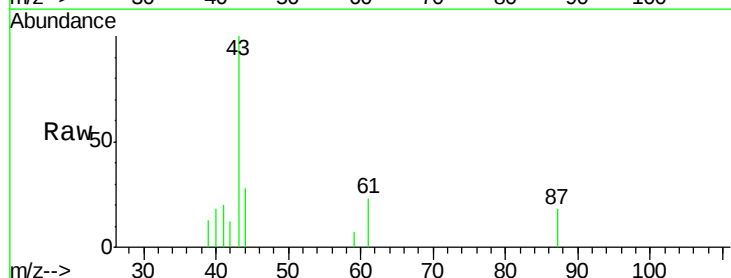
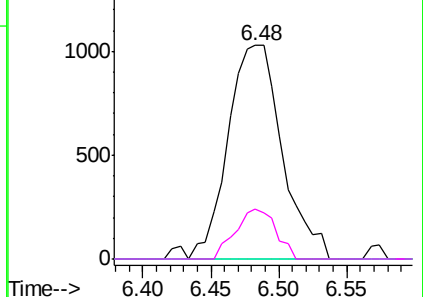
61 17.3 15.9 23.9

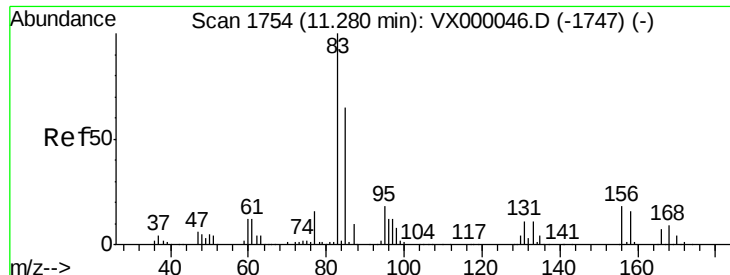
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 0.78 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

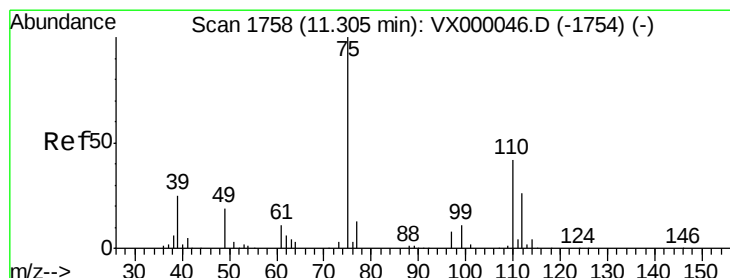
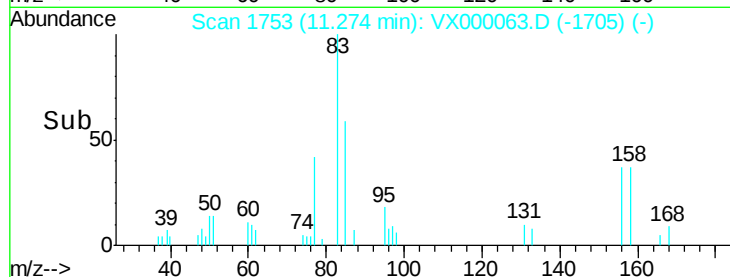
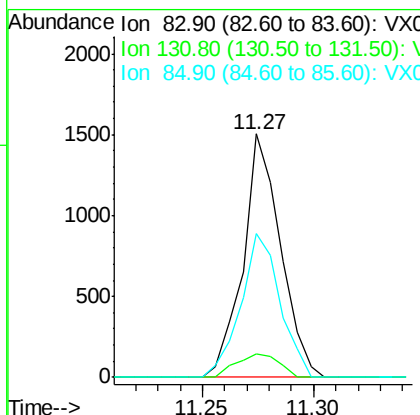
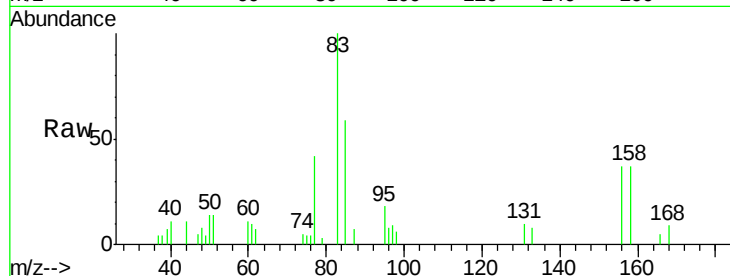
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	83	Resp:	1768
Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.5	16.7
85	61.7	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 1.17 ug/l

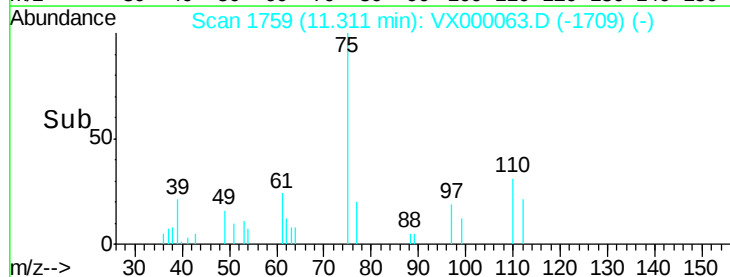
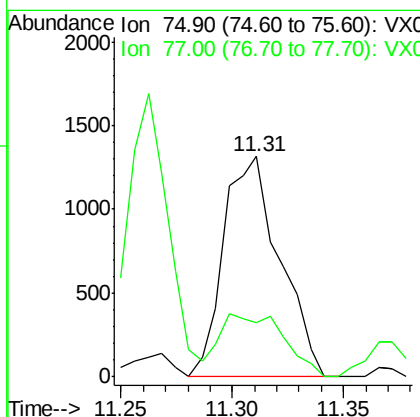
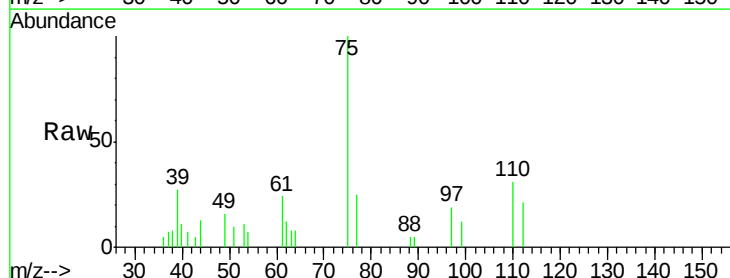
RT: 11.31 min Scan# 1759

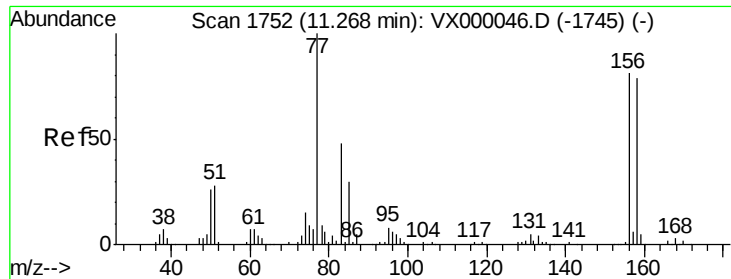
Delta R.T. 0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	75	Resp:	2308
Ion	Ratio	Lower	Upper
75	100		
77	32.4	23.7	71.1





#77

Bromobenzene

Concen: 0.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

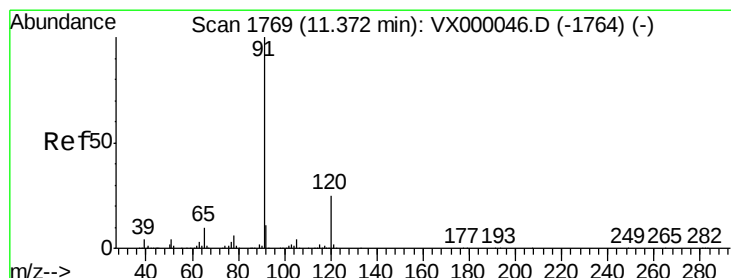
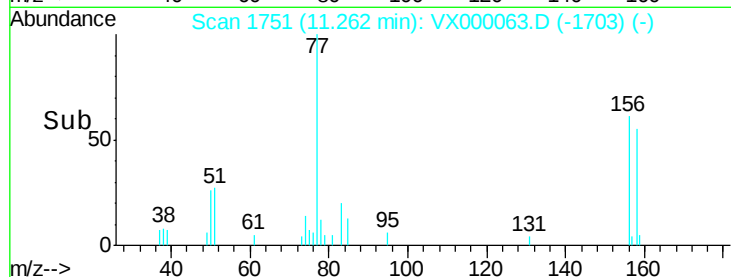
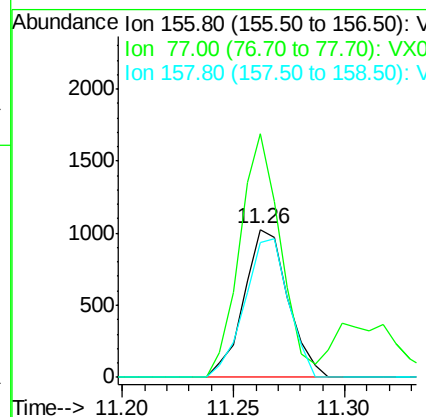
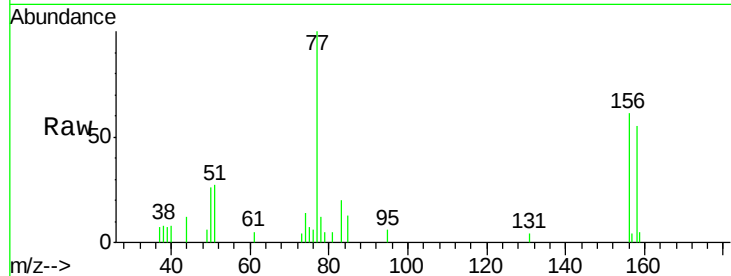
ClientSampled :

MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.4	66.2	198.6
158	93.0	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 0.82 ug/l

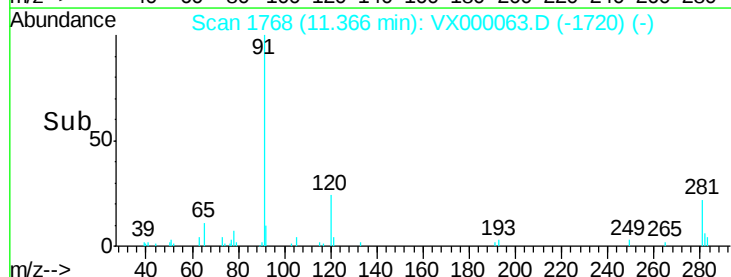
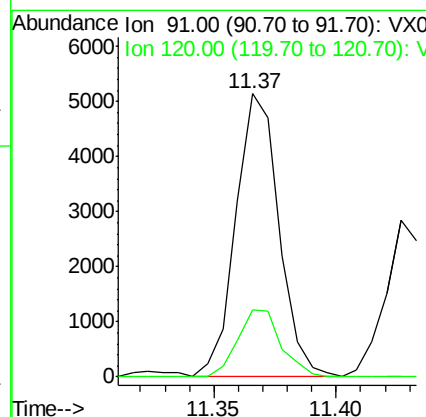
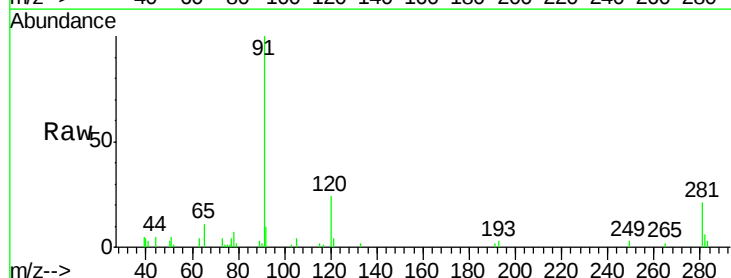
RT: 11.37 min Scan# 1768

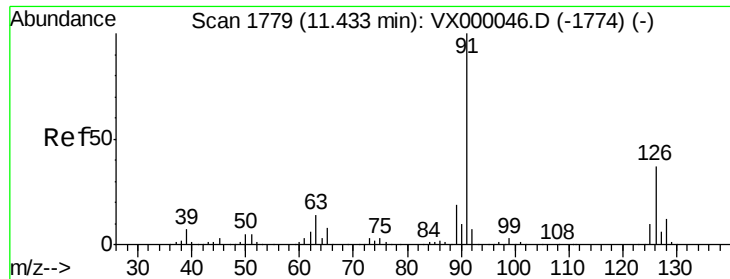
Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.80 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

ClientSampled :

MDL 01 0.75PPB

Tot Ion: 91 Resp: 3552

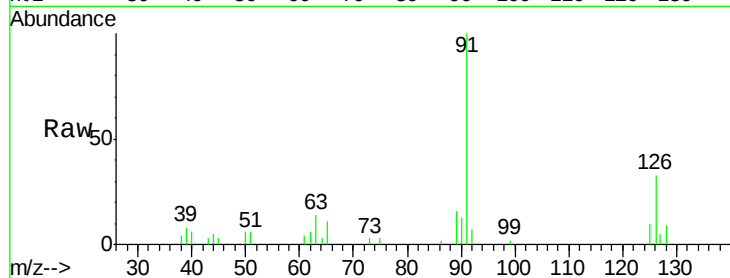
Ion Ratio Lower Upper

91 100

126 35.4 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) (-)

6000

5000

4000

3000

2000

1000

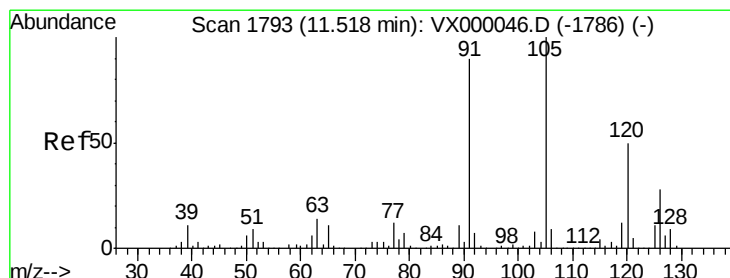
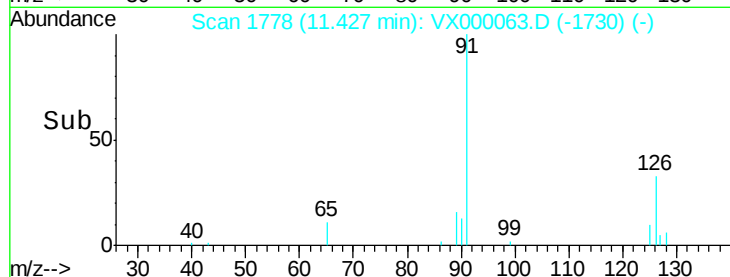
0

11.40

11.43

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.76 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000063.D

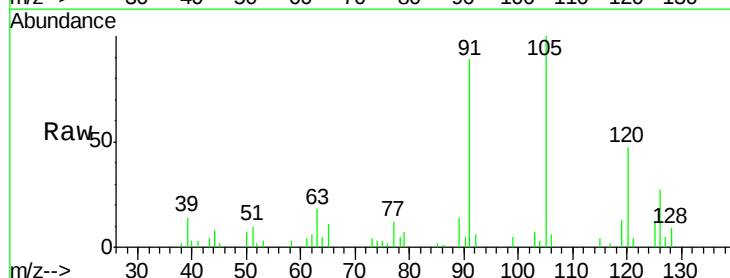
Acq: 12 Feb 2018 13:58

Tgt Ion: 105 Resp: 4219

Ion Ratio Lower Upper

105 100

120 51.5 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) (-)

4000

3000

2000

1000

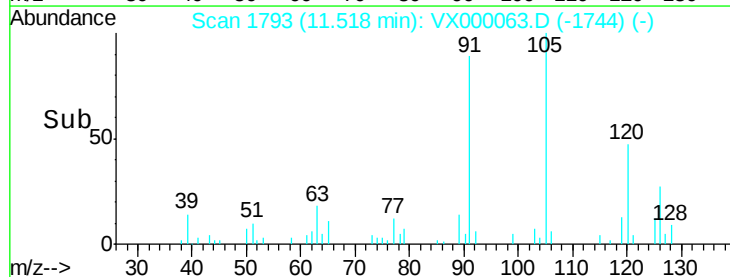
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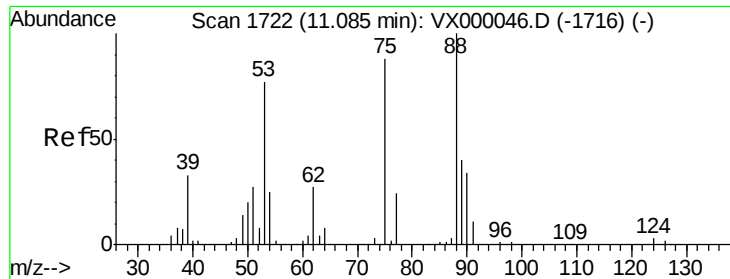
11.45

11.52

11.55

Time-->





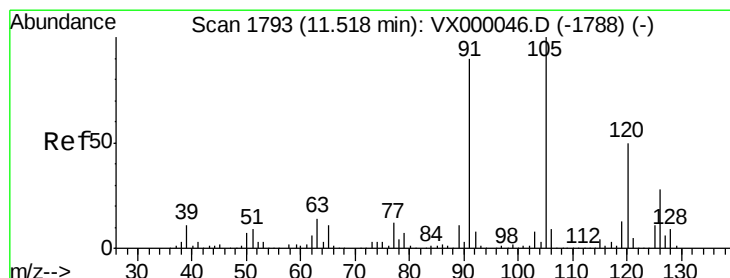
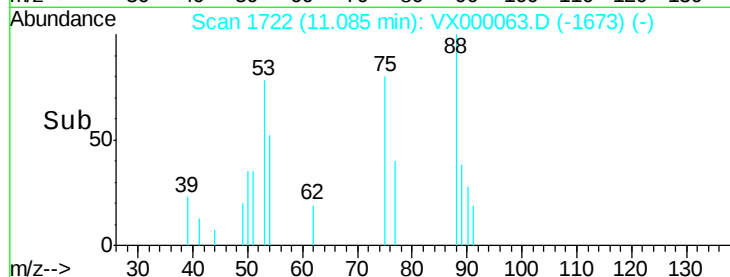
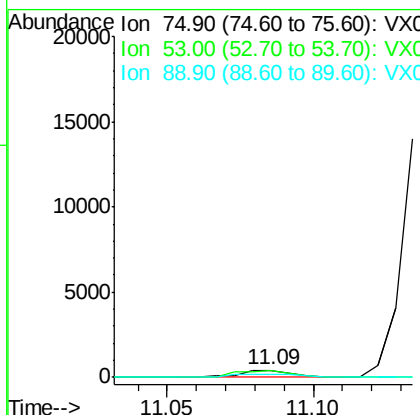
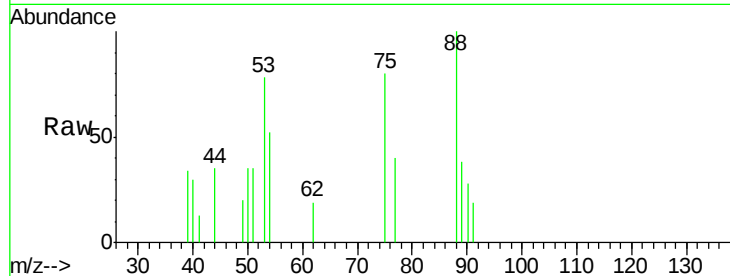
#81
trans-1,4-Dichloro-2-butene
Concen: 0.62 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Instrument :
ClientSampled :
MDL 01 0.75PPB

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

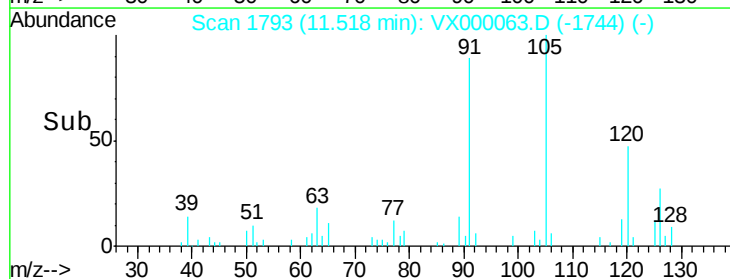
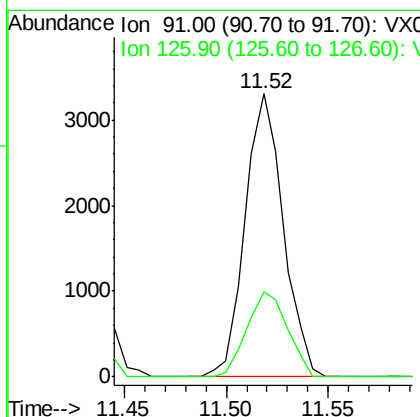
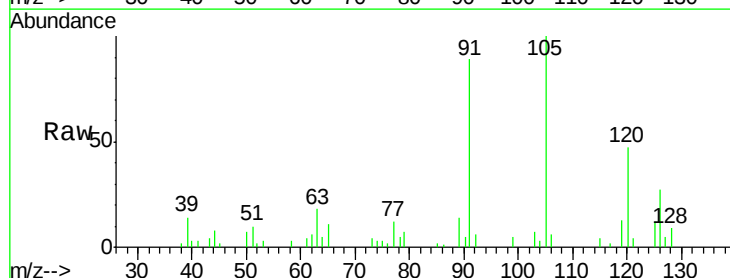
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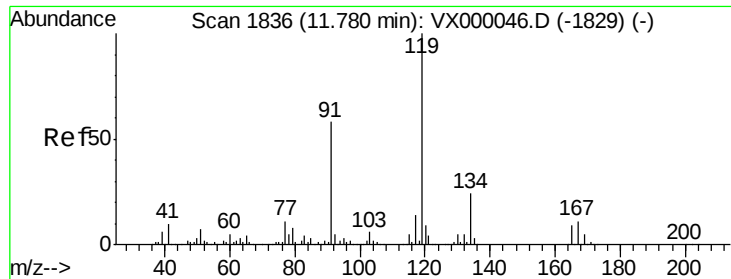
MMDadoda
2/16/2018 11:44:42 AM



#82
4-Chlorotoluene
Concen: 0.81 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000063.D
Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.3	48.8





#83

tert-Butylbenzene

Concen: 0.78 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

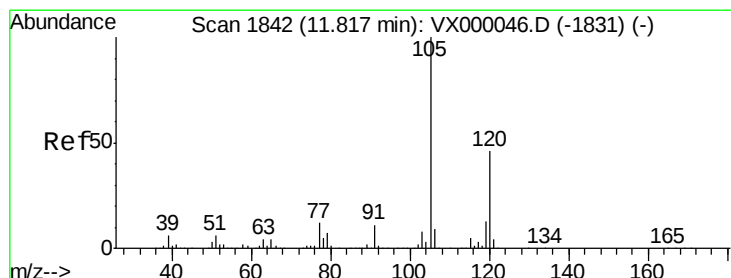
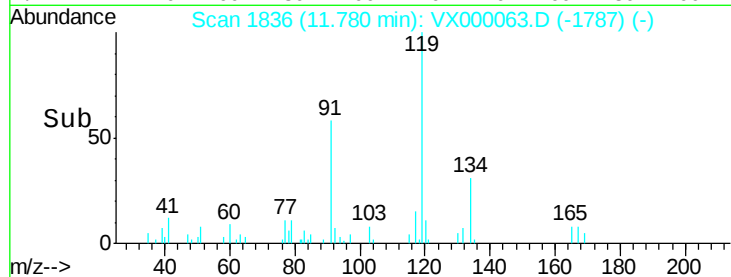
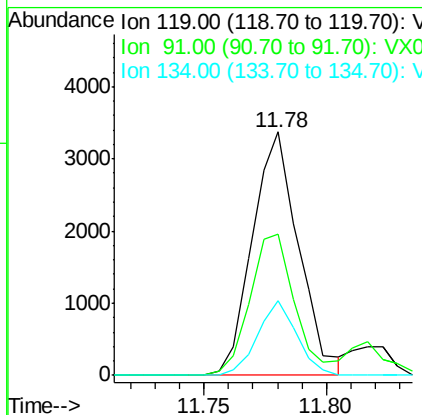
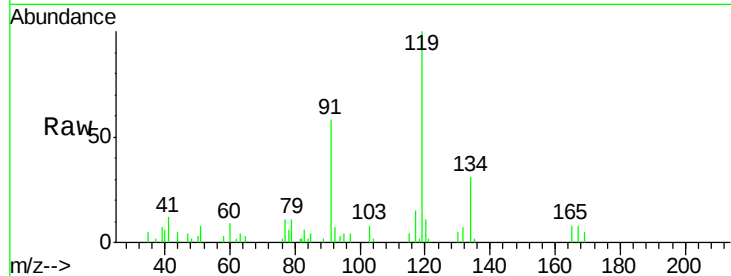
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	119	Resp:	4423
Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.9	83.7
134	26.1	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 0.79 ug/l

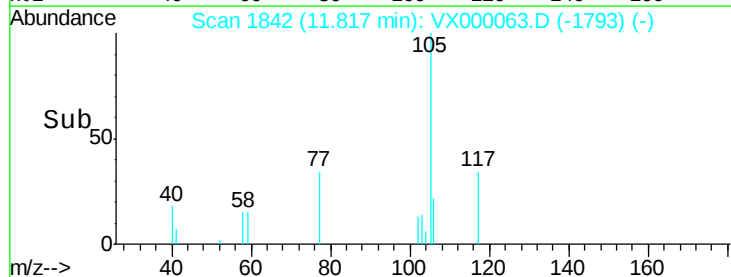
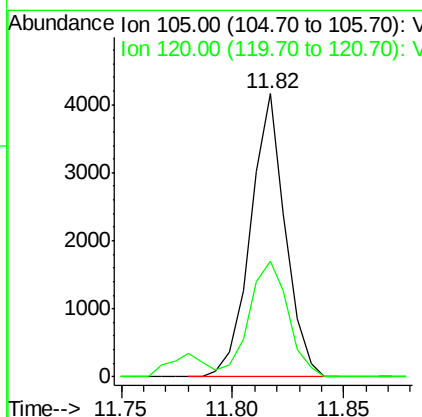
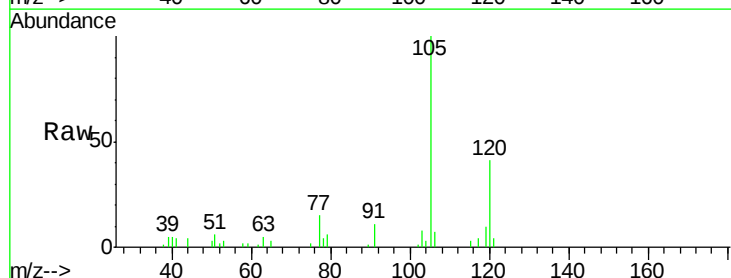
RT: 11.82 min Scan# 1842

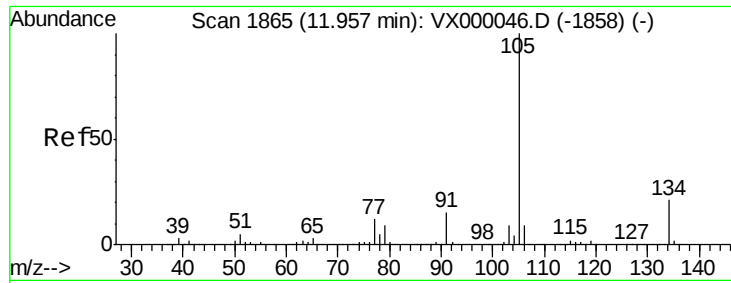
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	105	Resp:	4515
Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.4	70.2





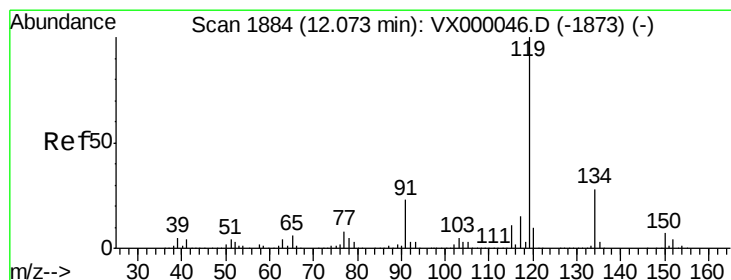
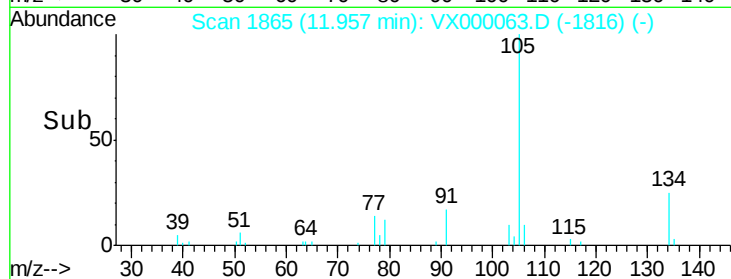
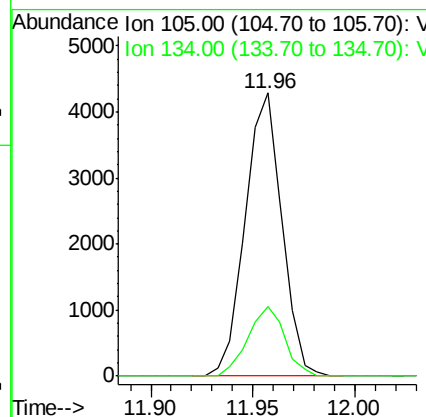
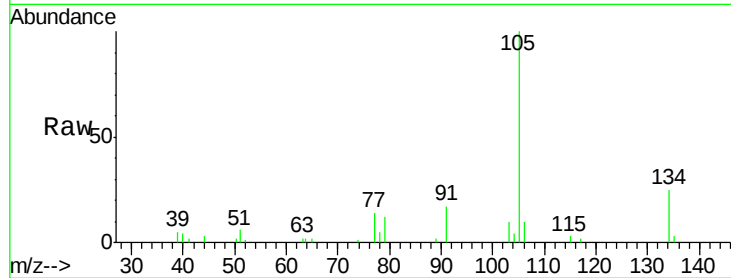
#85
 sec-Butylbenzene
 Concen: 0.77 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion:105 Resp: 5339
 Ion Ratio Lower Upper
 105 100
 134 24.5 10.6 31.8

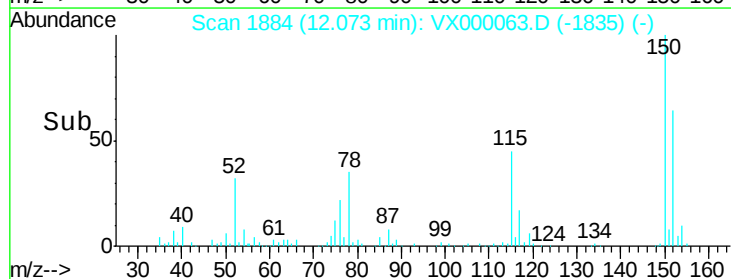
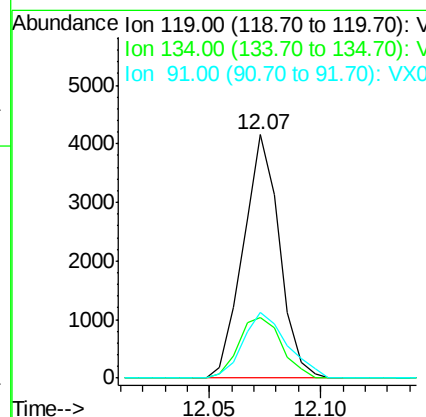
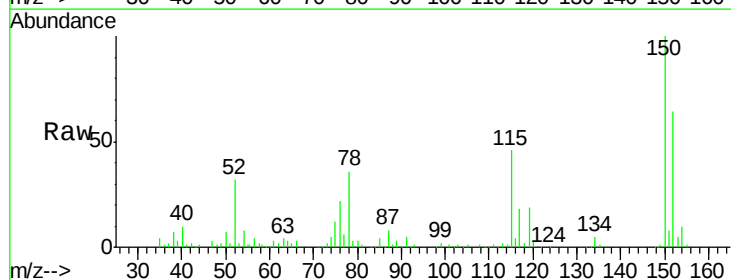
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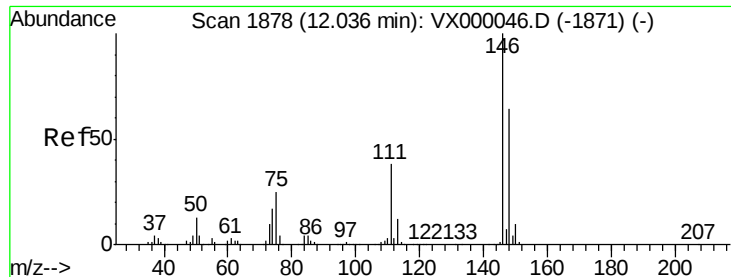
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 0.75 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion:119 Resp: 4707
 Ion Ratio Lower Upper
 119 100
 134 29.4 14.0 41.9
 91 32.7 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 0.80 ug/l

RT: 12.04 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

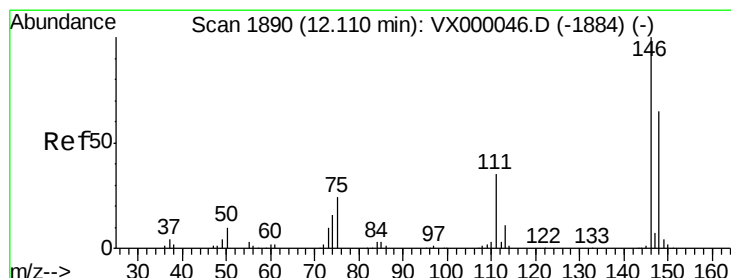
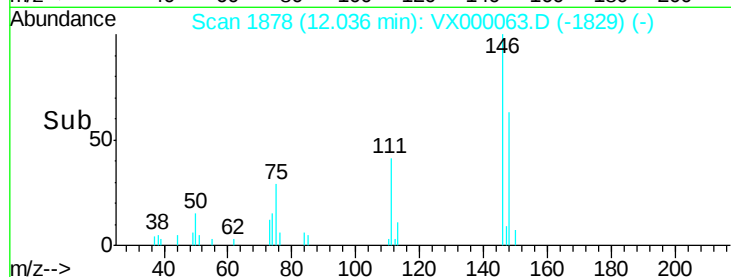
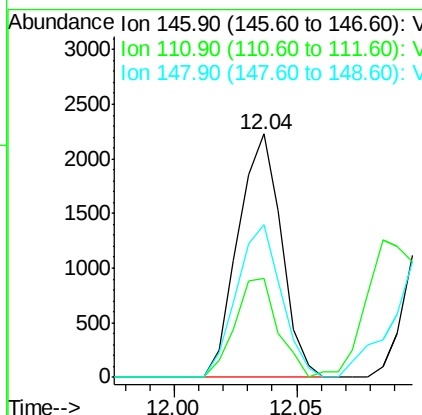
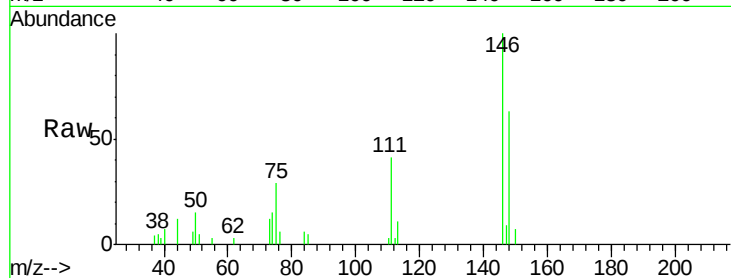
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	146	Resp:	2731
Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.9	56.9
148	65.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 0.81 ug/l m

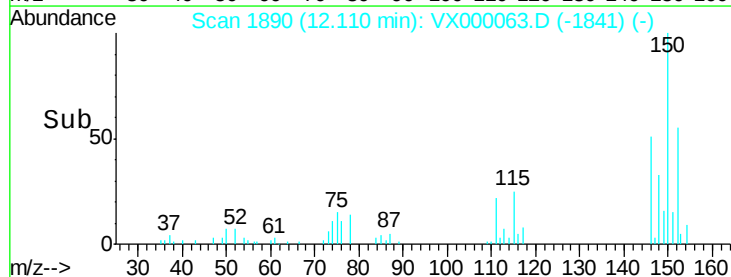
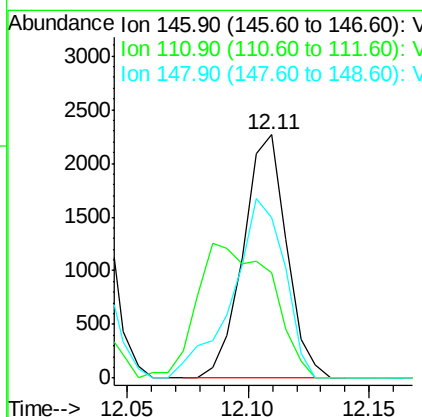
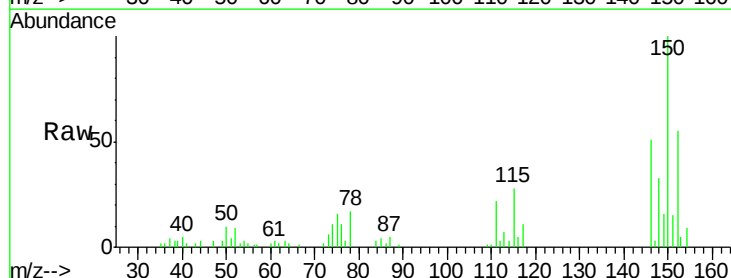
RT: 12.11 min Scan# 1890

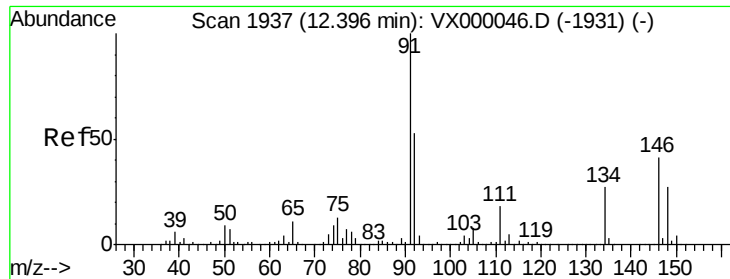
Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	146	Resp:	2840
Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.7	56.1
148	62.5	32.1	96.5





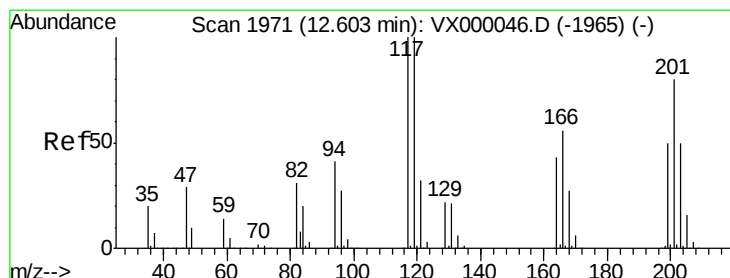
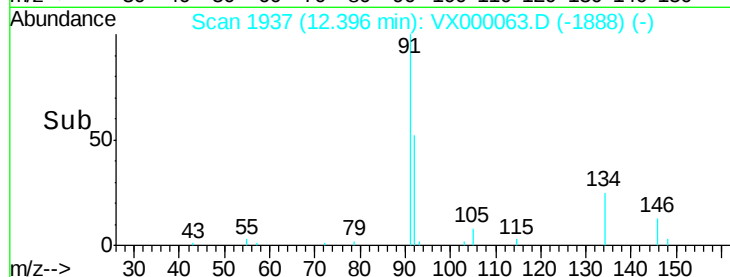
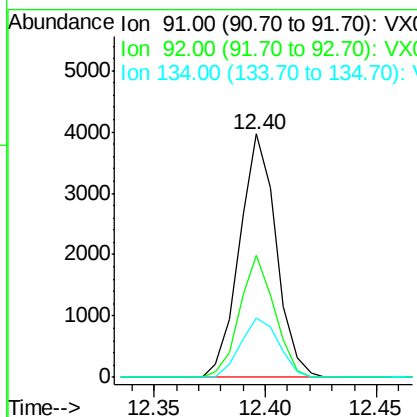
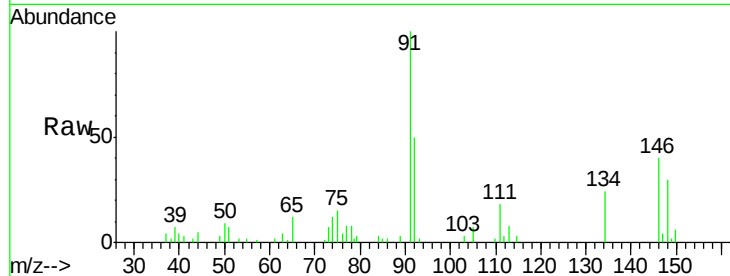
#89
 n-Butylbenzene
 Concen: 0.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampleId :
 MDL 01 0.75PPB

Tot Ion:	91	Resp:	4549
Ion	Ratio	Lower	Upper
91	100		
92	47.5	26.1	78.2
134	25.4	14.1	42.2

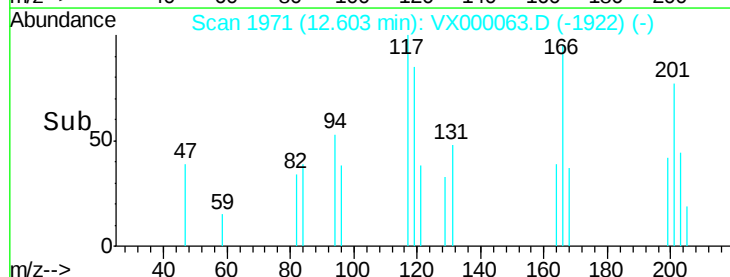
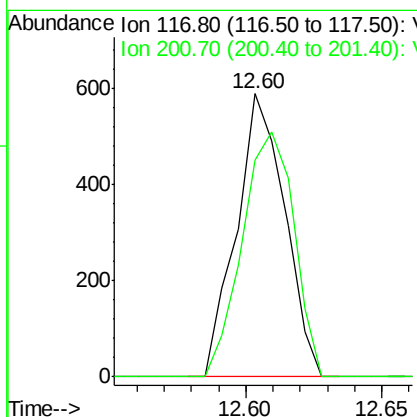
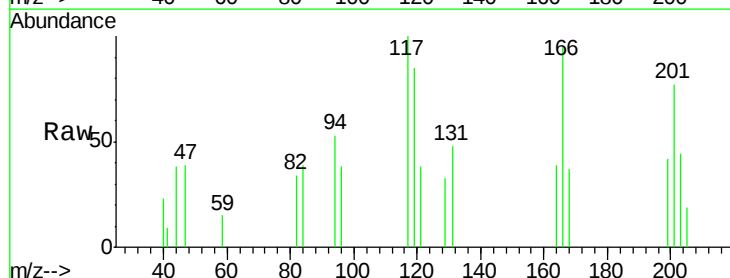
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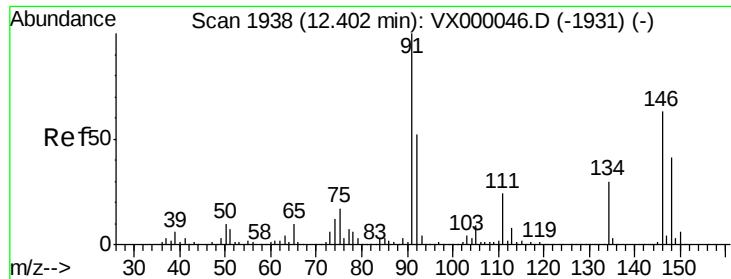
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#90
 Hexachloroethane
 Concen: 0.66 ug/l
 RT: 12.60 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion:	117	Resp:	725
Ion	Ratio	Lower	Upper
117	100		
201	92.4	43.5	130.7





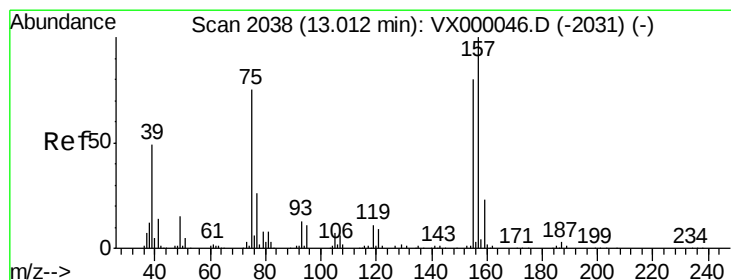
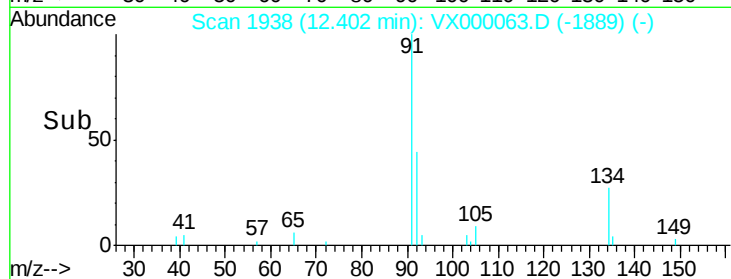
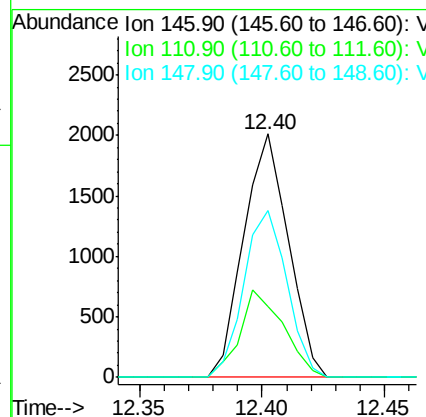
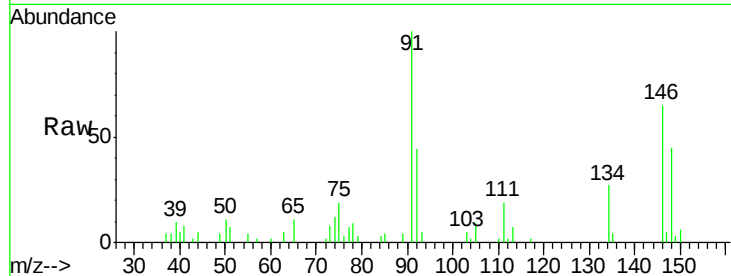
#91
 1,2-Dichlorobenzene
 Concen: 0.77 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.0	19.4	58.2
148	66.3	32.0	96.2

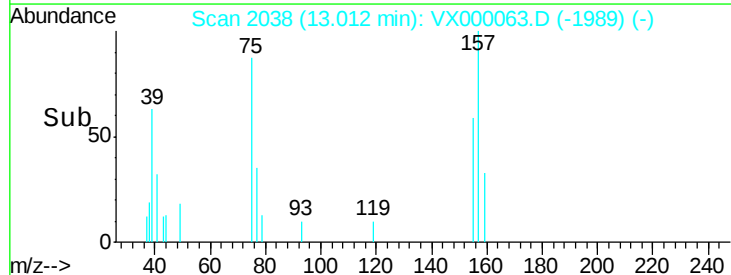
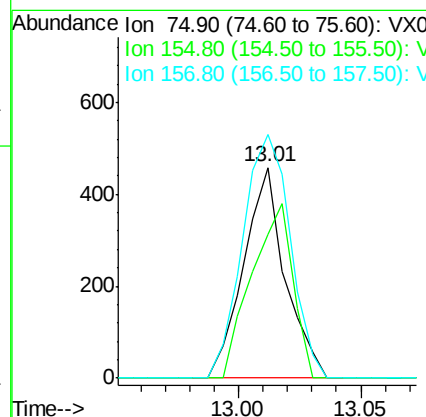
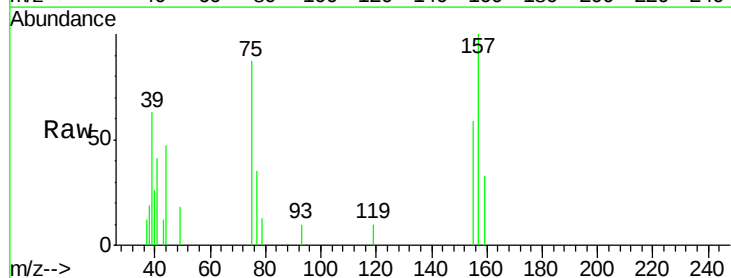
Manual Integrations
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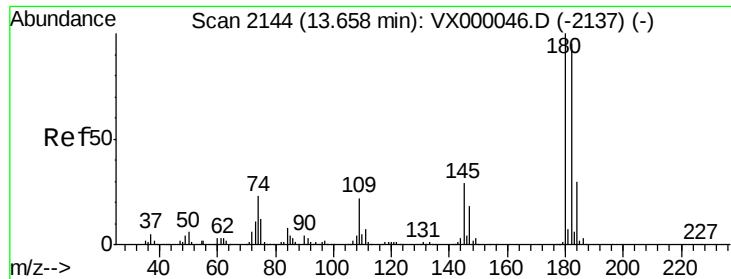
MMDadoda
 2/16/2018 11:44:42 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.83 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	52.0	156.0
157	132.8	65.3	195.9





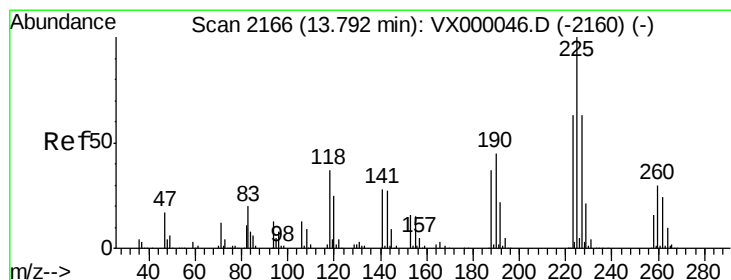
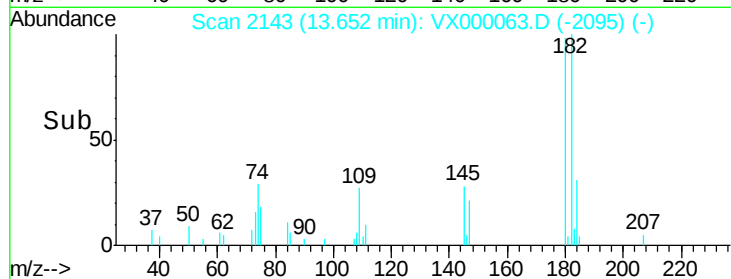
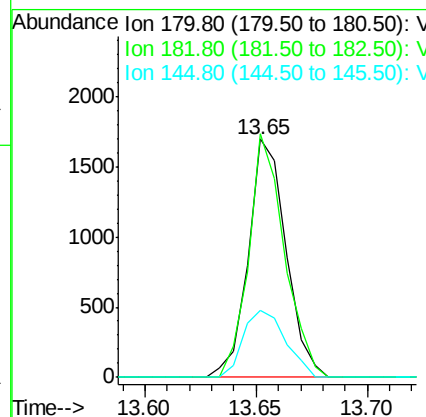
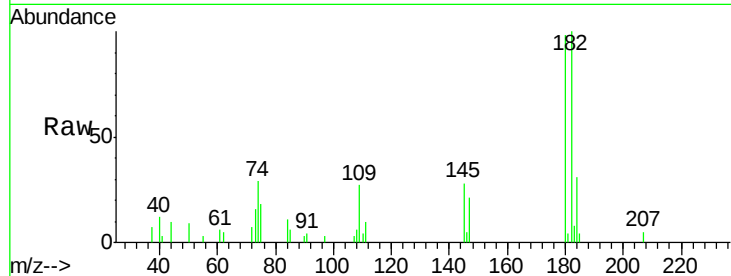
#93
 1,2,4-Trichlorobenzene
 Concen: 0.79 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Instrument :
 ClientSampled :
 MDL 01 0.75PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.0	144.0
145	31.4	14.7	44.1

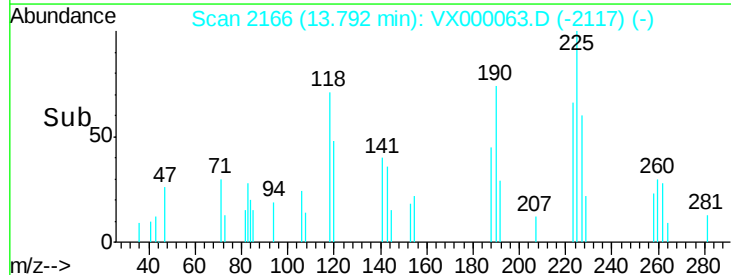
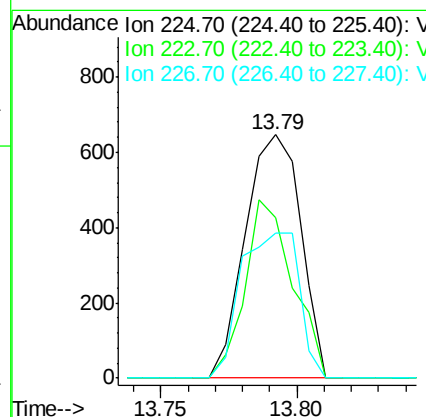
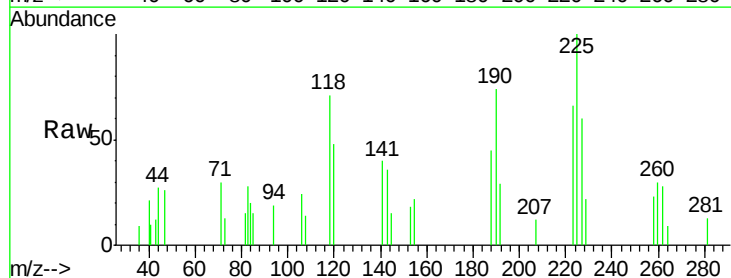
Manual Integrations
 APPROVED

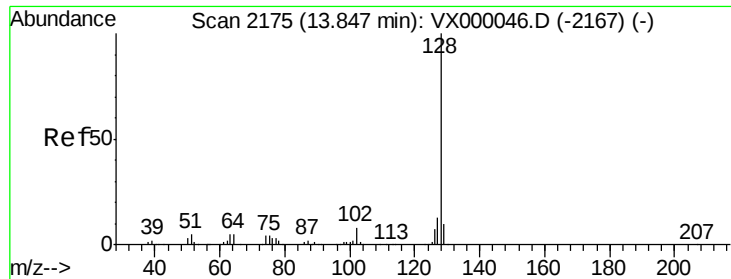
MMDadoda
 2/16/2018 11:44:42 AM



#94
 Hexachlorobutadiene
 Concen: 0.76 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000063.D
 Acq: 12 Feb 2018 13:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.5
227	63.3	31.6	95.0





#95

Naphthalene

Concen: 0.78 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Instrument :

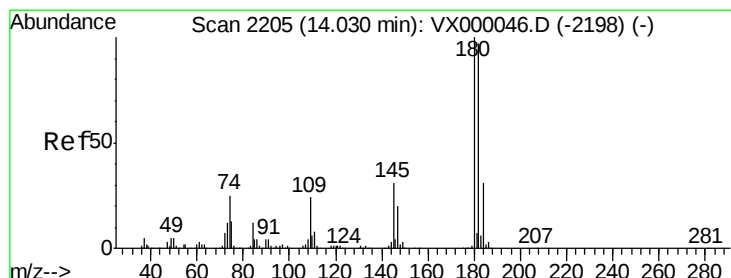
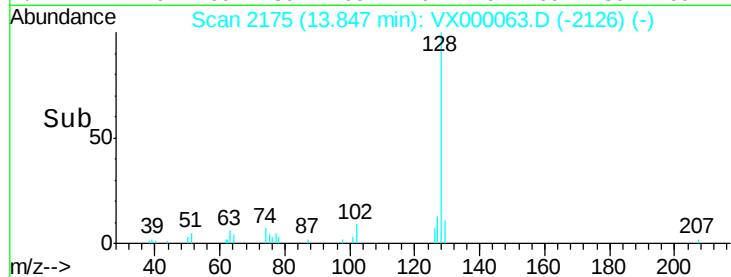
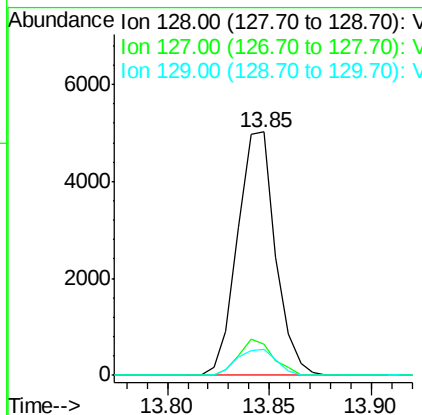
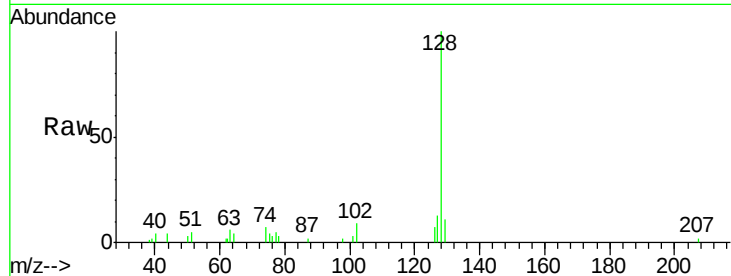
ClientSampled :

MDL 01 0.75PPB

Tot Ion:	128	Resp:	6487
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
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MMDadoda
2/16/2018 11:44:42 AM



#96

1,2,3-Trichlorobenzene

Concen: 0.78 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000063.D

Acq: 12 Feb 2018 13:58

Tgt Ion:	180	Resp:	1925
Ion Ratio	Lower	Upper	
180	100		
182	105.3	47.9	143.7
145	33.4	15.7	47.0

