

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000078.D
 Acq On : 13 Feb 2018 16:16
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:02 PM

Quant Time: Feb 16 11:59:36 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	105574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	88785	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	58502	53.03	ug/l	0.00
Spiked Amount			Recovery	=	106.06%	
35) Dibromofluoromethane	5.51	113	48416	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.73	98	180023	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.15	95	71721	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	713	0.75	ug/l	98
3) Chloromethane	1.32	50	739	0.76	ug/l #	79
4) Vinyl Chloride	1.41	62	923	0.84	ug/l #	79
5) Bromomethane	1.65	94	961	1.64	ug/l	95
6) Chloroethane	1.73	64	1167	1.77	ug/l #	88
7) Trichlorofluoromethane	1.94	101	1681	0.88	ug/l	90
8) Diethyl Ether	2.19	74	624	0.90	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.39	101	932	0.86	ug/l	93
10) Methyl Iodide	2.51	142	911	2.37	ug/l	99
11) Tert butyl alcohol	3.08	59	2062	4.67	ug/l #	92
12) 1,1-Dichloroethene	2.38	96	766	0.75	ug/l	81
13) Acrolein	2.30	56	1008	4.45	ug/l #	66
14) Allyl chloride	2.73	41	1425	0.80	ug/l	98
15) Acrylonitrile	3.16	53	3378	4.39	ug/l #	94
16) Acetone	2.45	43	4021	6.16	ug/l	99
17) Carbon Disulfide	2.58	76	2450	0.82	ug/l #	85
18) Methyl Acetate	2.78	43	1605	0.97	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	3011	0.86	ug/l	91
20) Methylene Chloride	2.87	84	1085	0.99	ug/l #	88
21) trans-1,2-Dichloroethene	3.18	96	922	0.84	ug/l #	86
22) Diisopropyl ether	3.89	45	2271	0.77	ug/l #	91
23) Vinyl Acetate	3.84	43	9694	3.64	ug/l	98
24) 1,1-Dichloroethane	3.71	63	1417	0.77	ug/l #	83
25) 2-Butanone	4.72	43	4695	4.76	ug/l #	80
26) 2,2-Dichloropropane	4.59	77	1259	0.80	ug/l #	63
27) cis-1,2-Dichloroethene	4.61	96	887	0.82	ug/l	94
28) Bromochloromethane	5.04	49	568	0.94	ug/l #	86
29) Tetrahydrofuran	5.18	42	2909	4.31	ug/l	96
30) Chloroform	5.23	83	1434	0.78	ug/l	99
31) Cyclohexane	5.58	56	1144	0.76	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	1389	0.80	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	1285	0.85	ug/l	88
37) Ethyl Acetate	4.87	43	1695	0.87	ug/l #	85
38) Carbon Tetrachloride	5.80	117	1418	0.83	ug/l #	84

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Quant Time: Feb 16 11:59:36 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)
39) Methylcyclohexane	7.48	83	1285	0.70	ug/l	99
40) Benzene	6.16	78	3104	0.72	ug/l	96
41) Methacrylonitrile	5.07	41	1035	1.03	ug/l #	55
42) 1,2-Dichloroethane	6.21	62	1181	0.77	ug/l #	74
43) Isopropyl Acetate	6.48	43	2274	0.77	ug/l #	92
44) Trichloroethene	7.23	130	987	0.74	ug/l	82
45) 1,2-Dichloropropane	7.53	63	694	0.67	ug/l #	81
46) Dibromomethane	7.67	93	635	0.79	ug/l	88
47) Bromodichloromethane	7.91	83	1059	0.68	ug/l #	91
48) Methyl methacrylate	7.79	41	1067	0.74	ug/l #	81
49) 1,4-Dioxane	7.77	88	505	13.08	ug/l #	88
51) 4-Methyl-2-Pentanone	8.67	43	7691	3.74	ug/l	95
52) Toluene	8.79	92	1999	0.69	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	1231	0.67	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	1197	0.67	ug/l #	80
55) 1,1,2-Trichloroethane	9.23	97	904	0.75	ug/l	96
56) Ethyl methacrylate	9.20	69	1260	0.68	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1341	0.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	3719	4.06	ug/l	97
59) 2-Hexanone	9.51	43	6351	3.79	ug/l	93
60) Dibromochloromethane	9.59	129	912	0.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	954	0.72	ug/l	93
64) Tetrachloroethene	9.34	164	900	0.73	ug/l	91
65) Chlorobenzene	10.15	112	2532	0.73	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	821	0.66	ug/l #	64
67) Ethyl Benzene	10.26	91	4249	0.74	ug/l #	87
68) m/p-Xylenes	10.37	106	3381	1.48	ug/l	92
69) o-Xylene	10.71	106	1529	0.69	ug/l	93
70) Styrene	10.72	104	2414	0.65	ug/l	93
71) Bromoform	10.87	173	639	0.54	ug/l #	91
73) Isopropylbenzene	11.03	105	4200	0.75	ug/l	99
74) N-amyl acetate	6.48	43	2274	0.81	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.28	83	1384	0.72	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	1797	1.07	ug/l	75
77) Bromobenzene	11.26	156	1119	0.73	ug/l	93
78) n-propylbenzene	11.37	91	4887	0.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	3039	0.80	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3525	0.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.15	75	37632	55.69	ug/l #	11
82) 4-Chlorotoluene	11.52	91	3498	0.78	ug/l	99
83) tert-Butylbenzene	11.78	119	3657	0.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	3526	0.73	ug/l	98
85) sec-Butylbenzene	11.96	105	4345	0.74	ug/l	98
86) p-Isopropyltoluene	12.07	119	3538	0.67	ug/l	89
87) 1,3-Dichlorobenzene	12.04	146	2136	0.74	ug/l	97
88) 1,4-Dichlorobenzene	12.04	146	2136	0.72	ug/l	97
89) n-Butylbenzene	12.40	91	3594	0.73	ug/l	97
90) Hexachloroethane	12.60	117	571	0.62	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	2074	0.74	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	424	0.77	ug/l	77

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ClientSampleId :
MDL06

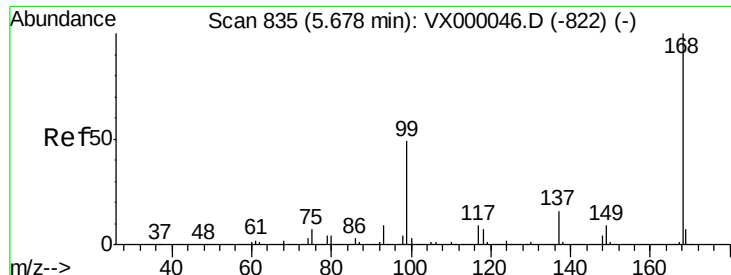
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1544	0.72	ug/l	95
94) Hexachlorobutadiene	13.79	225	609	0.60	ug/l	95
95) Naphthalene	13.85	128	5367	0.77	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1595	0.76	ug/l	91

(#) = 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: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion:168 Resp: 105574

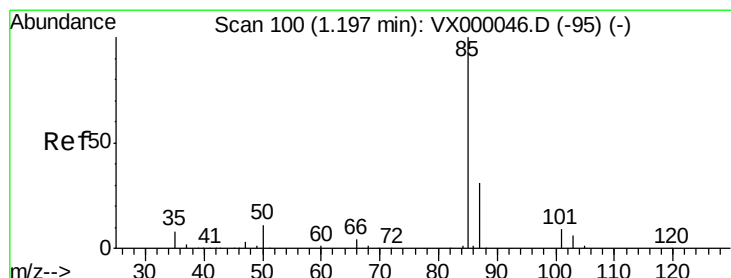
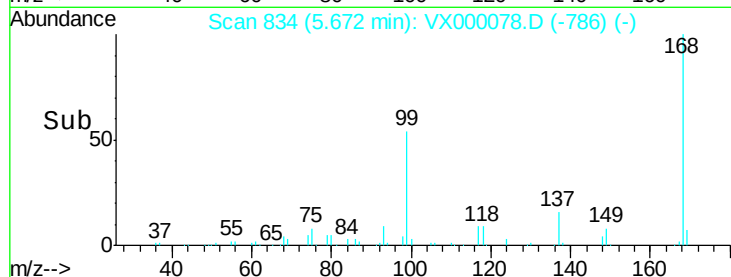
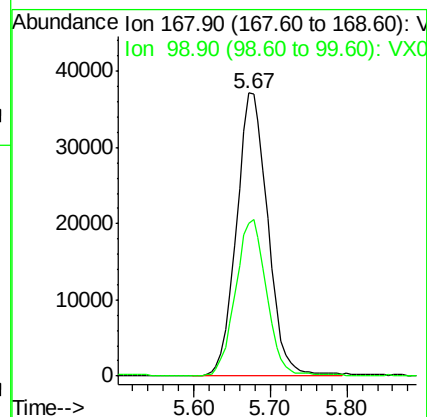
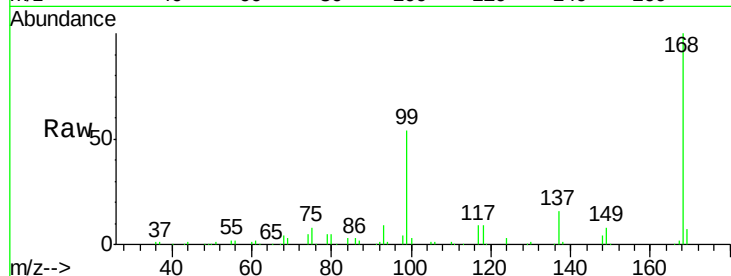
Ion Ratio Lower Upper

168 100

99 54.2 39.4 59.2

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#2

Dichlorodifluoromethane

Concen: 0.75 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000078.D

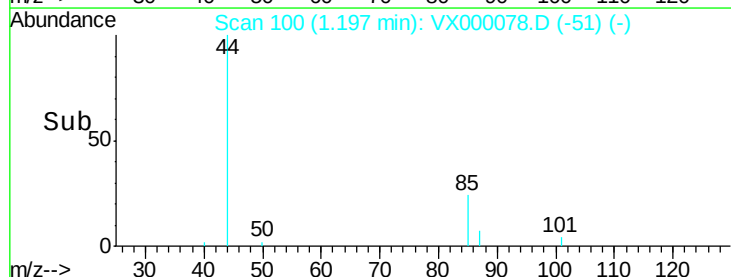
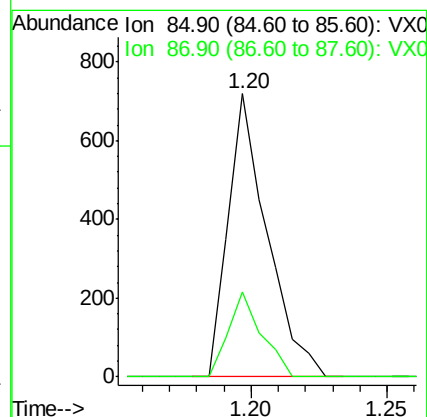
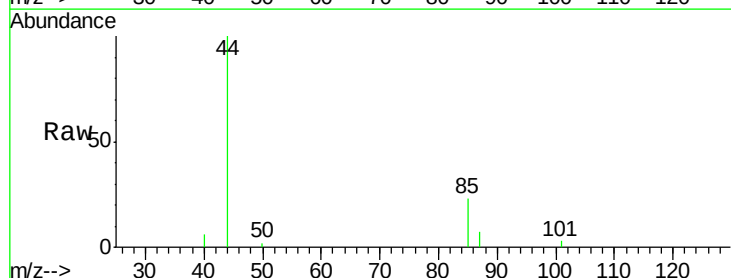
Acq: 13 Feb 2018 16:16

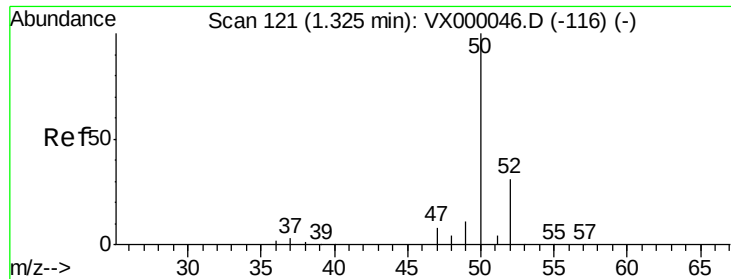
Tgt Ion: 85 Resp: 713

Ion Ratio Lower Upper

85 100

87 30.0 15.7 47.0





#3

Chloromethane

Concen: 0.76 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 50 Resp: 739

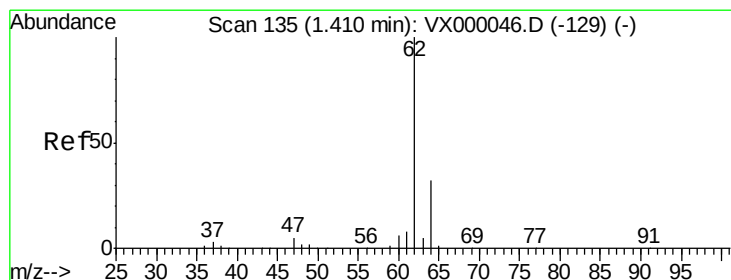
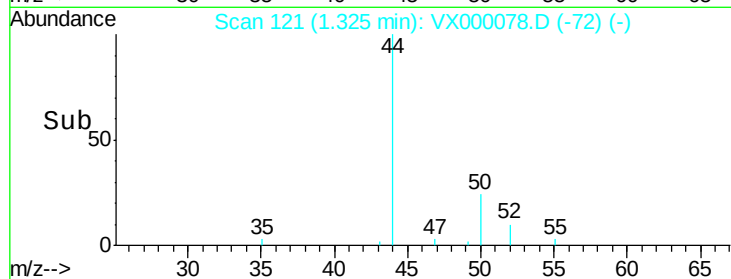
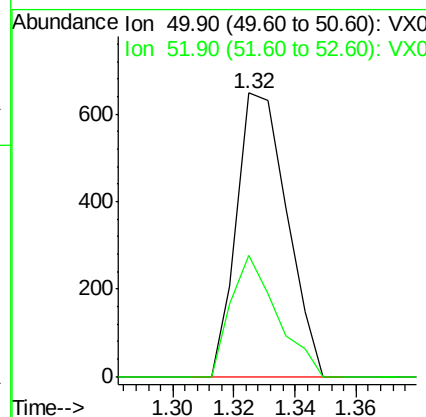
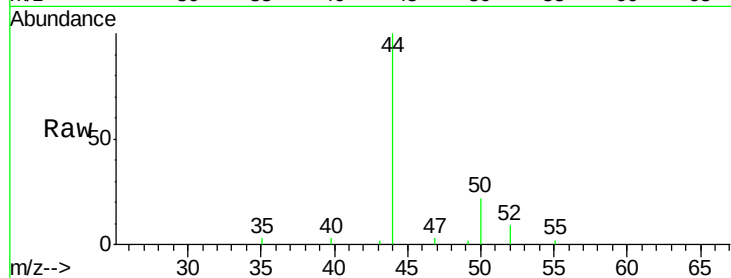
Ion Ratio Lower Upper

50 100

52 42.7 25.0 37.6#

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.84 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000078.D

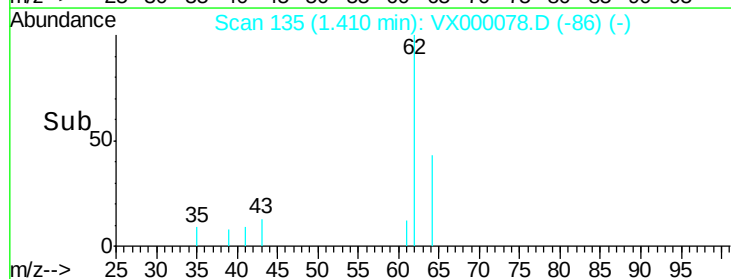
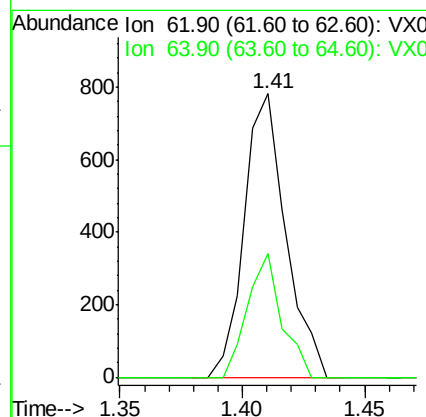
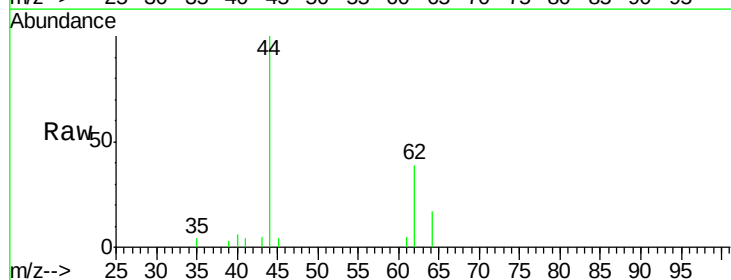
Acq: 13 Feb 2018 16:16

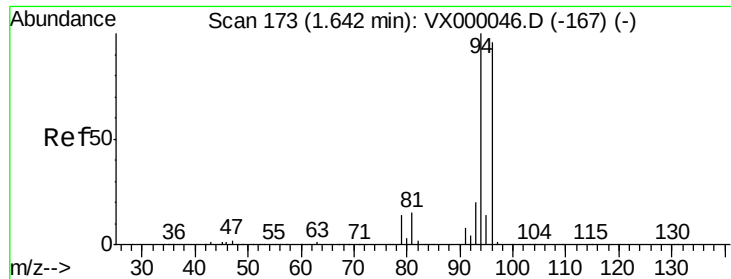
Tgt Ion: 62 Resp: 923

Ion Ratio Lower Upper

62 100

64 43.5 25.4 38.0#





#5

Bromomethane

Concen: 1.64 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 94 Resp: 961

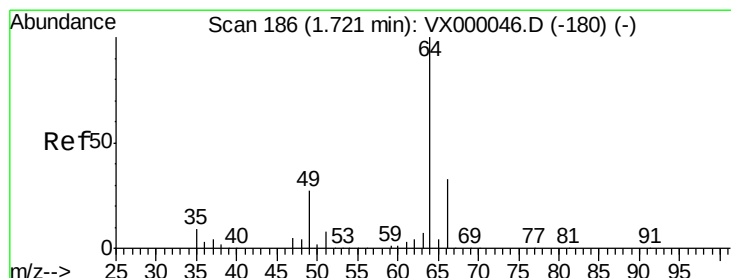
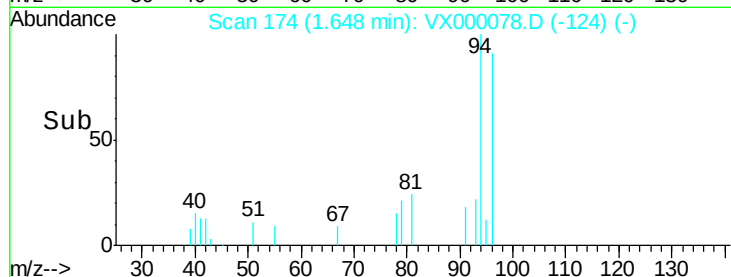
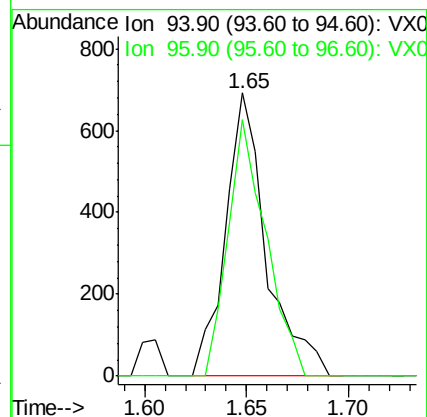
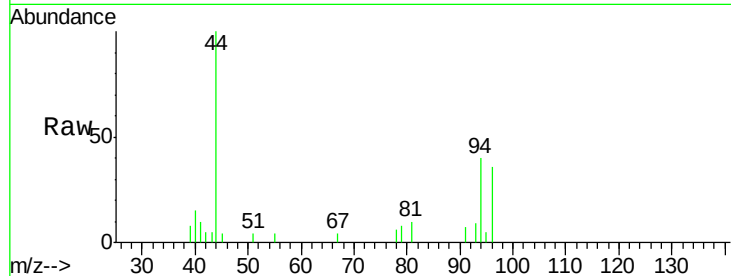
Ion Ratio Lower Upper

94 100

96 90.6 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 1.77 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000078.D

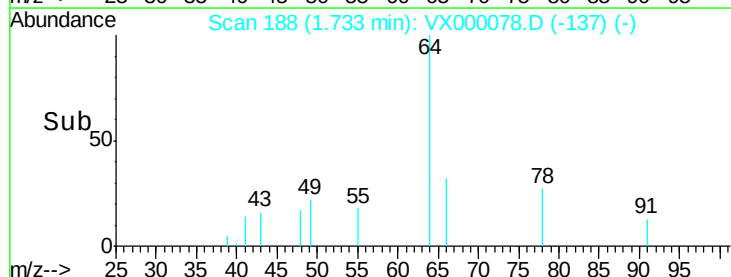
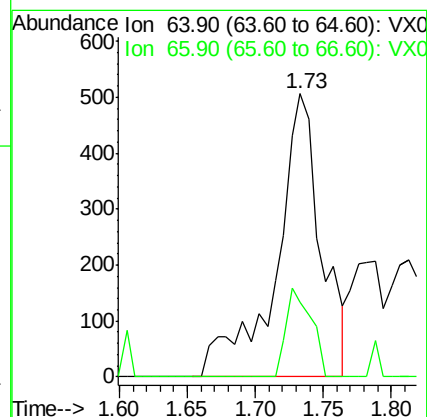
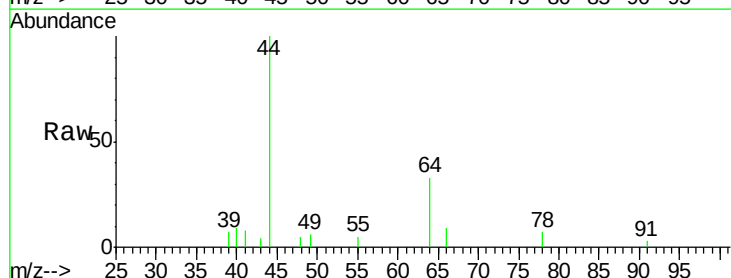
Acq: 13 Feb 2018 16:16

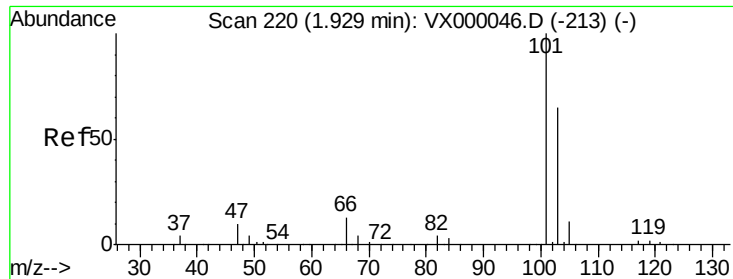
Tgt Ion: 64 Resp: 1167

Ion Ratio Lower Upper

64 100

66 26.3 26.4 39.6#





#7

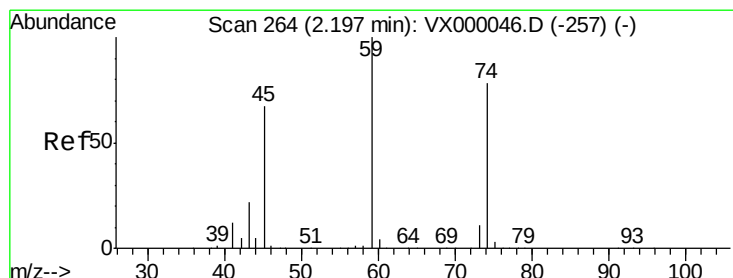
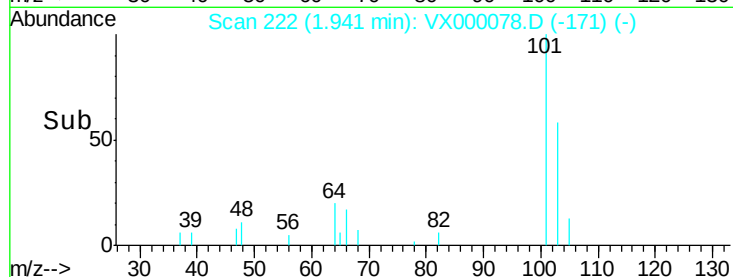
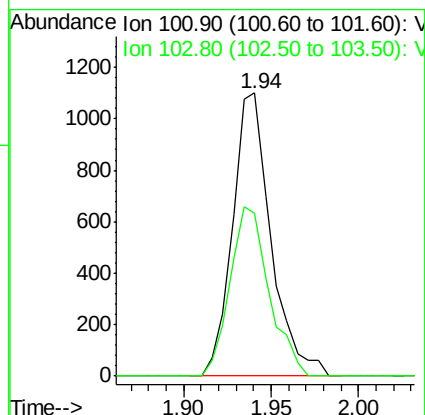
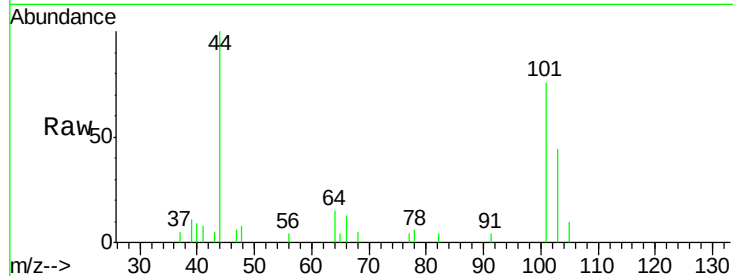
Trichlorofluoromethane
Concen: 0.88 ug/l
RT: 1.94 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
101	100		
103	57.7	52.3	78.5

Manual Integrations
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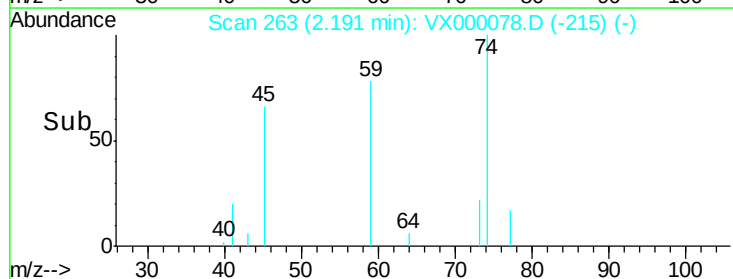
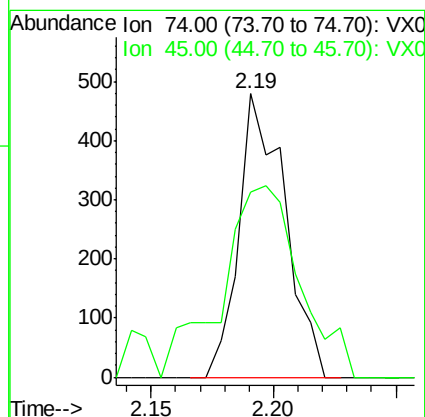
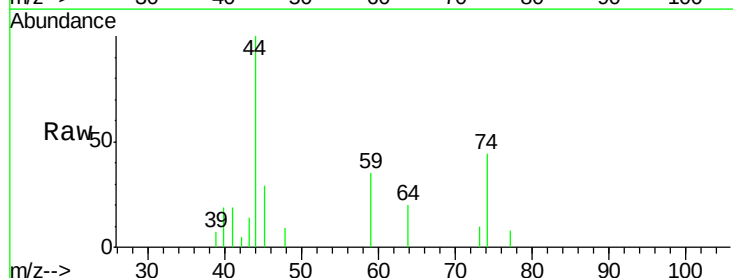
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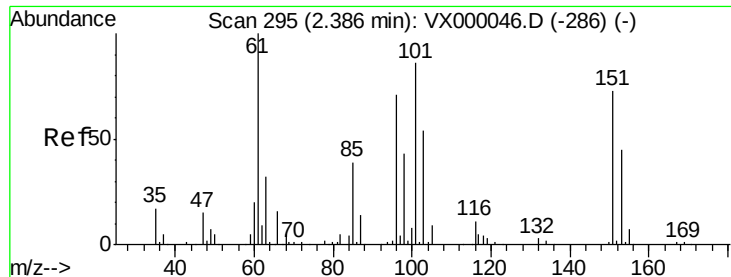


#8

Diethyl Ether
Concen: 0.90 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	115.9	44.3	132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.86 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

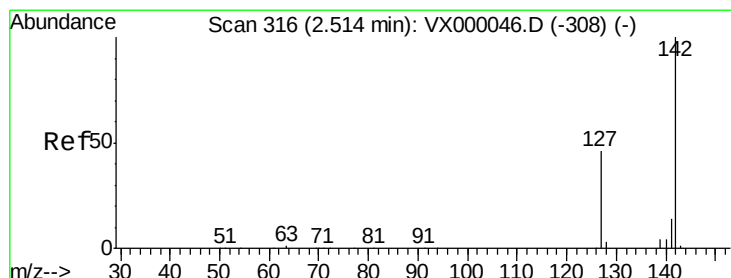
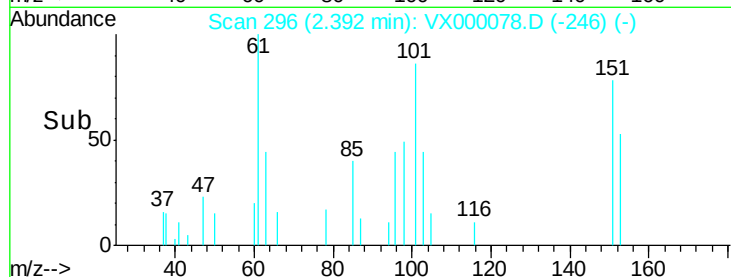
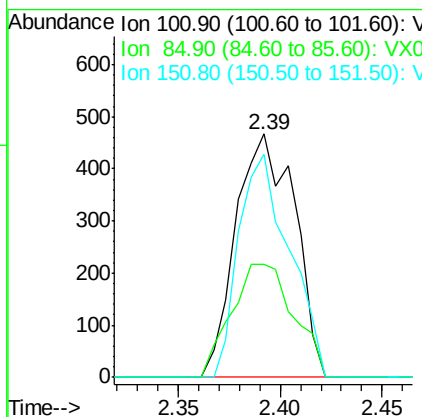
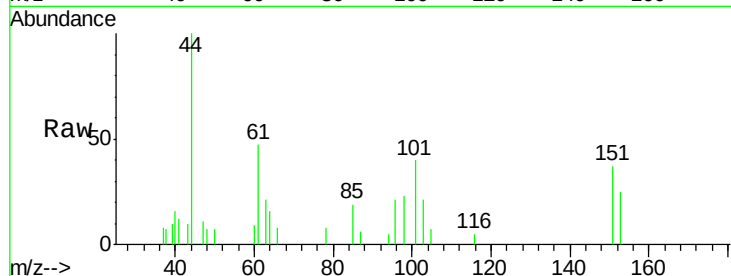
ClientSampled :

MDL06

Tot Ion:	101	Resp:	932
Ion Ratio	Lower	Upper	
101	100		
85	49.6	36.6	54.8
151	79.3	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 2.37 ug/l

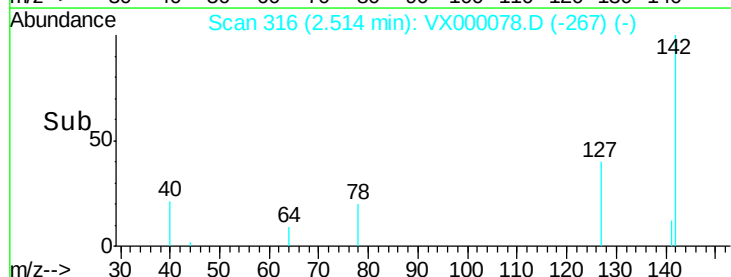
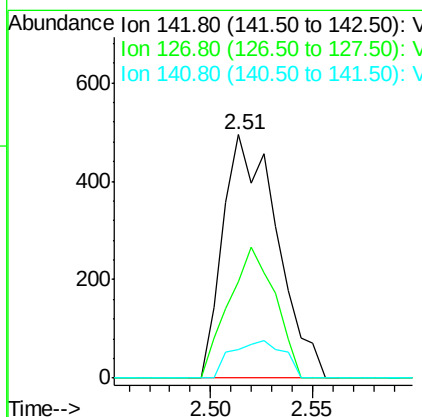
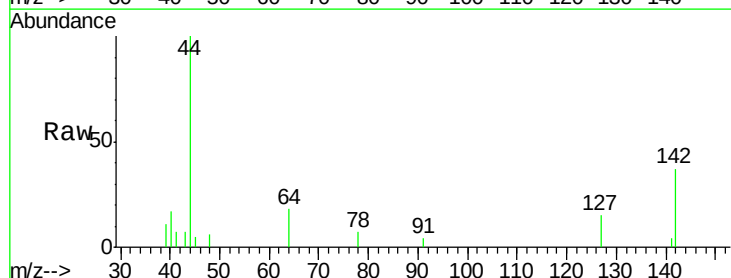
RT: 2.51 min Scan# 316

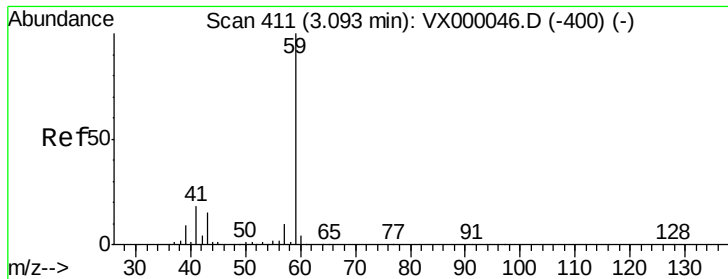
Delta R.T. 0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	142	Resp:	911
Ion Ratio	Lower	Upper	
142	100		
127	46.2	36.8	55.2
141	14.7	11.4	17.0





#11

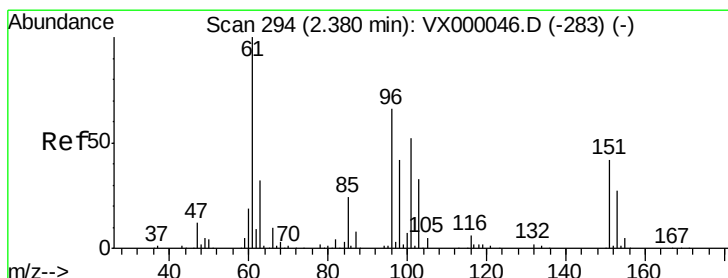
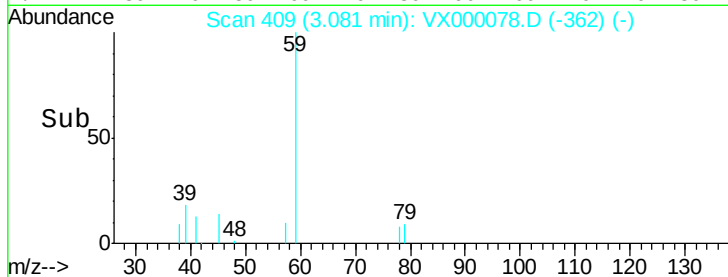
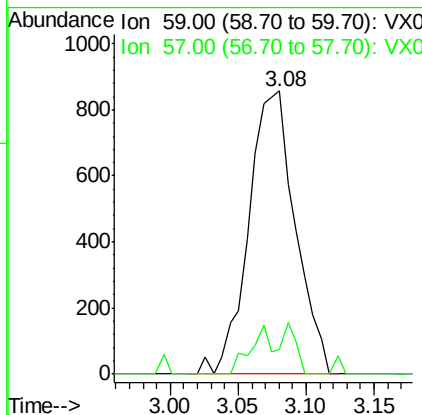
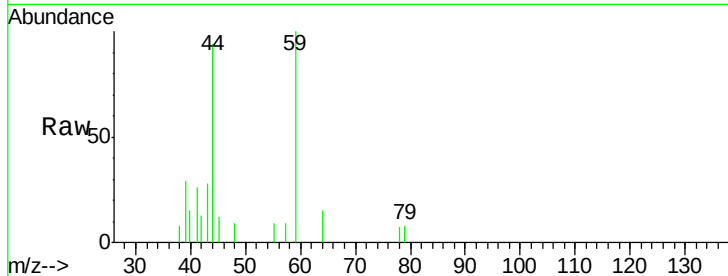
Tert butyl alcohol
Concen: 4.67 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion: 59 Resp: 2062
Ion Ratio Lower Upper
59 100
57 7.5 8.4 12.6#

Manual Integrations
APPROVED

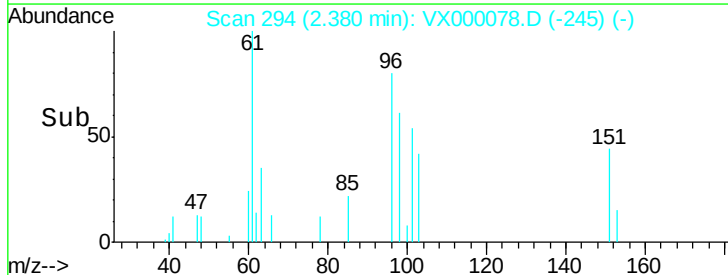
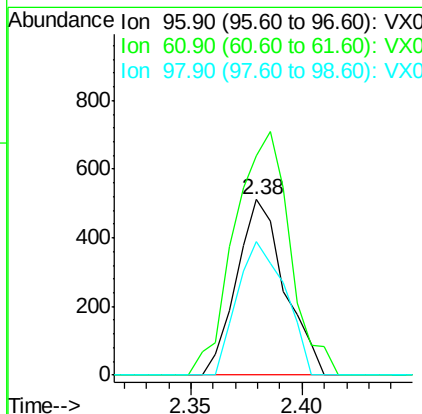
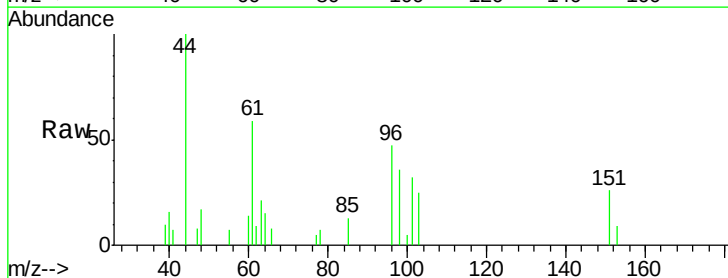
MMDadoda
2/16/2018 2:28:02 PM

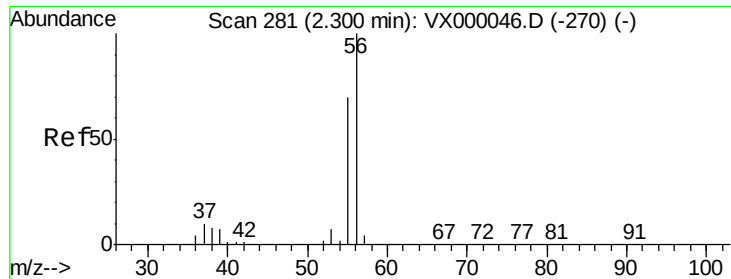


#12

1,1-Dichloroethene
Concen: 0.75 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 96 Resp: 766
Ion Ratio Lower Upper
96 100
61 124.6 120.3 180.5
98 76.2 51.0 76.4





#13

Acrolein

Concen: 4.45 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

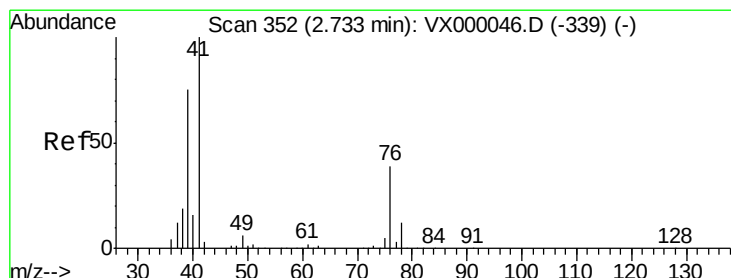
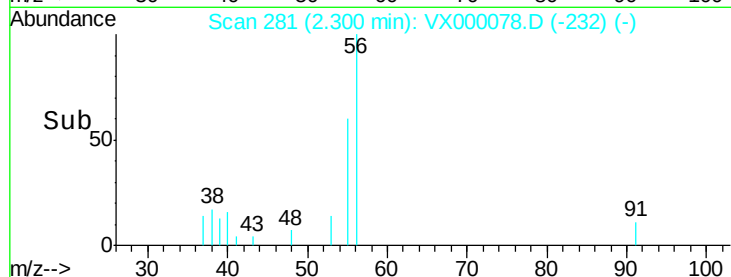
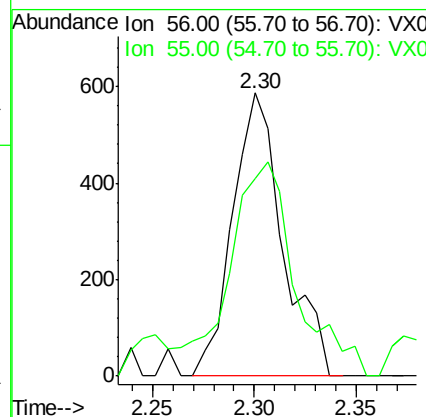
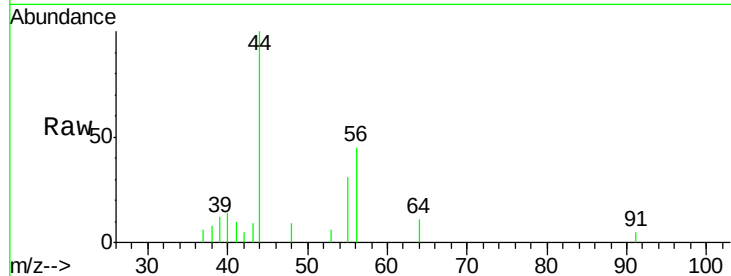
ClientSampled :

MDL06

Tot Ion	Ratio	Lower	Upper
56	100		
55	98.2	56.4	84.6#

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



#14

Allyl chloride

Concen: 0.80 ug/l

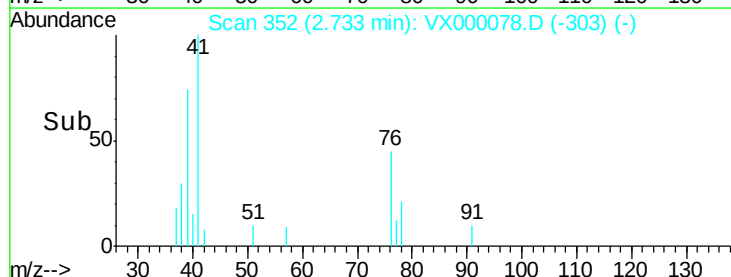
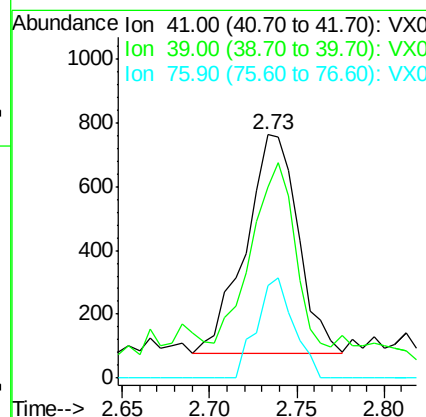
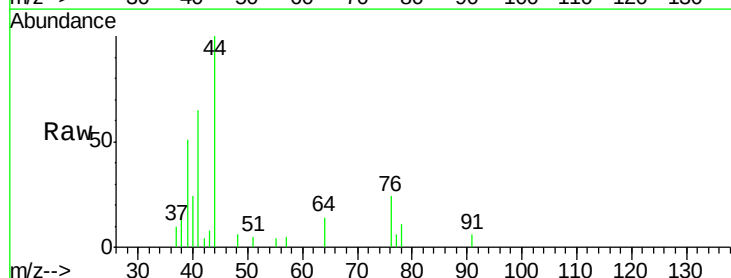
RT: 2.73 min Scan# 352

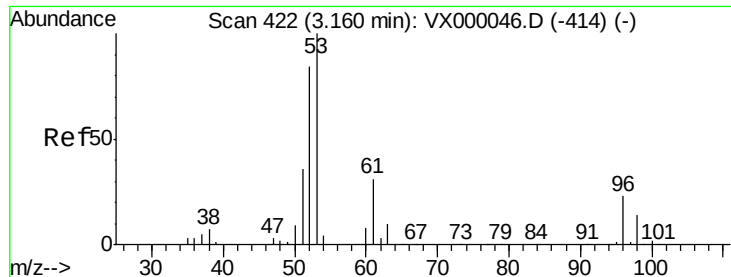
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.0	55.8	83.6
76	32.4	28.7	43.1





#15

Acrylonitrile

Concen: 4.39 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

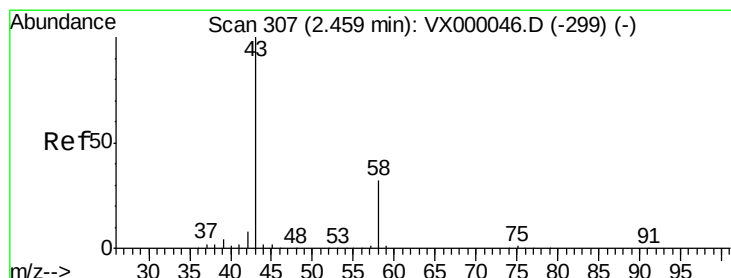
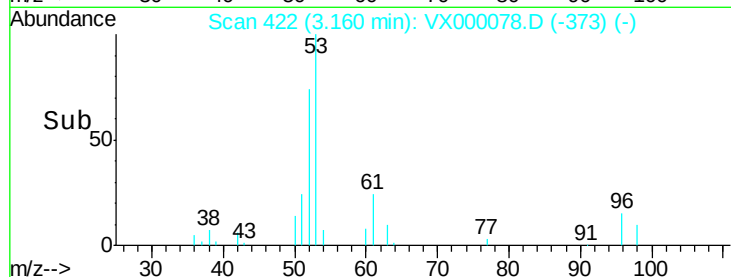
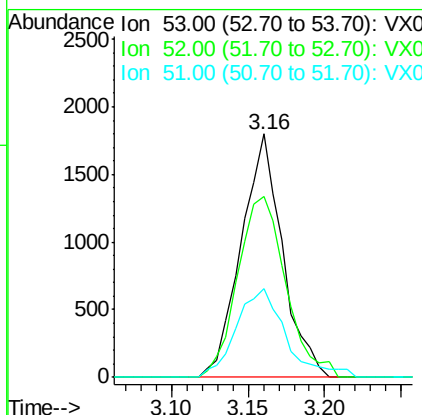
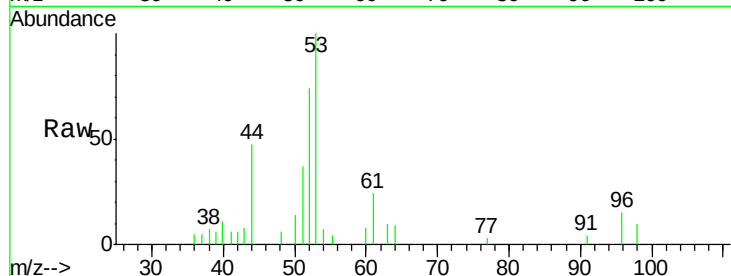
ClientSampled :

MDL06

Tot Ion:	53	Resp:	3378
Ion	Ratio	Lower	Upper
53	100		
52	86.4	66.5	99.7
51	44.0	29.1	43.7#

Manual Integrations
APPROVED

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2/16/2018 2:28:02 PM



#16

Acetone

Concen: 6.16 ug/l

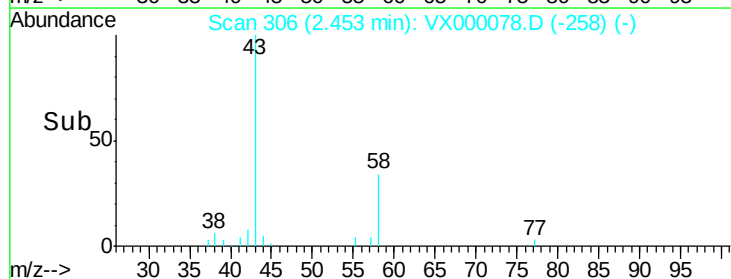
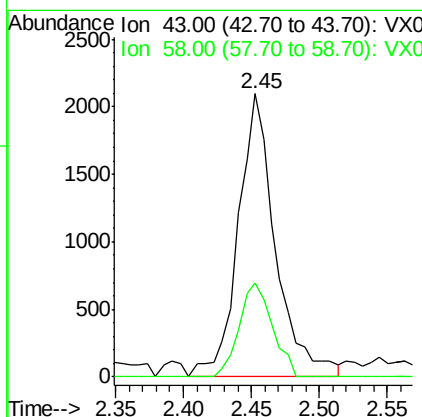
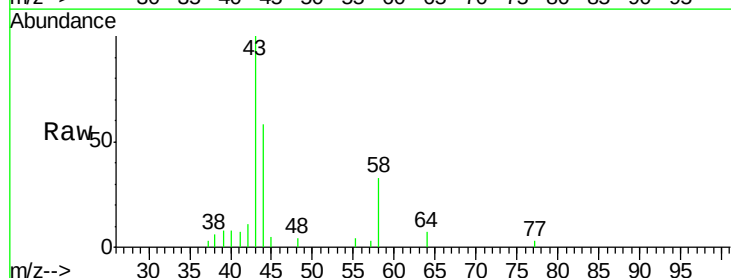
RT: 2.45 min Scan# 306

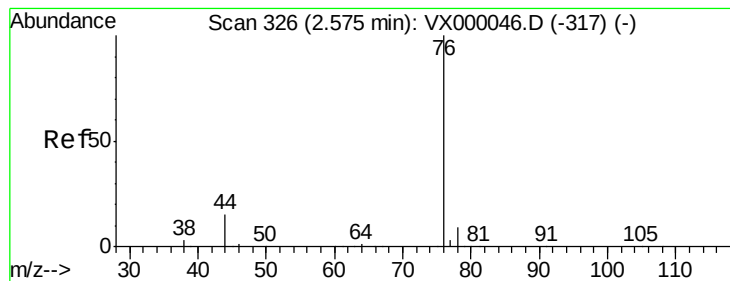
Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	43	Resp:	4021
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.9	38.9





#17

Carbon Disulfide

Concen: 0.82 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 76 Resp: 2450

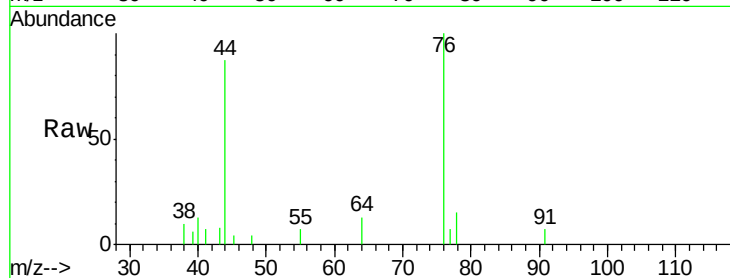
Ion Ratio Lower Upper

76 100

78 14.7 7.5 11.3#

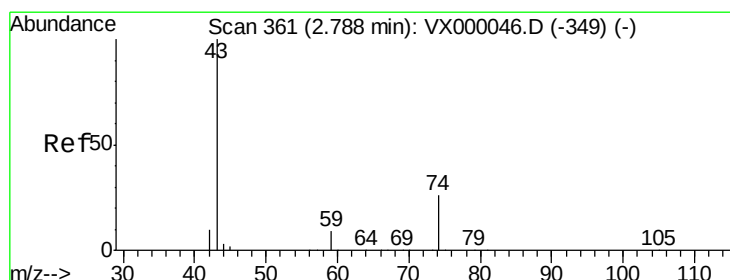
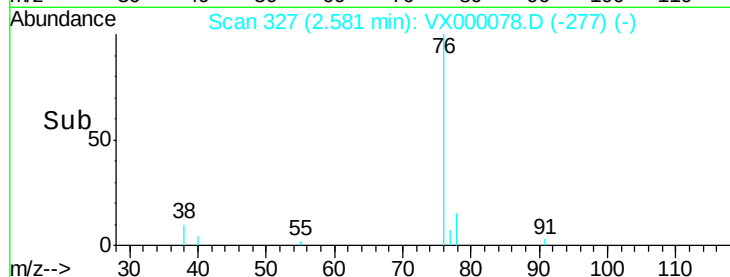
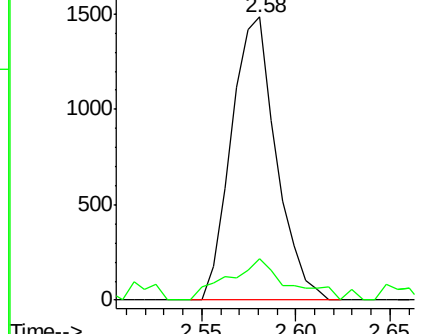
Manual Integrations
APPROVED

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2/16/2018 2:28:02 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.97 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.01 min

Lab File: VX000078.D

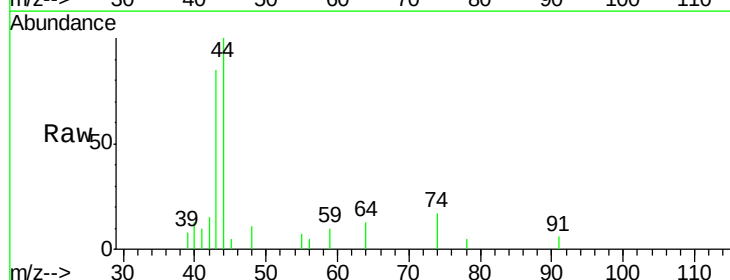
Acq: 13 Feb 2018 16:16

Tgt Ion: 43 Resp: 1605

Ion Ratio Lower Upper

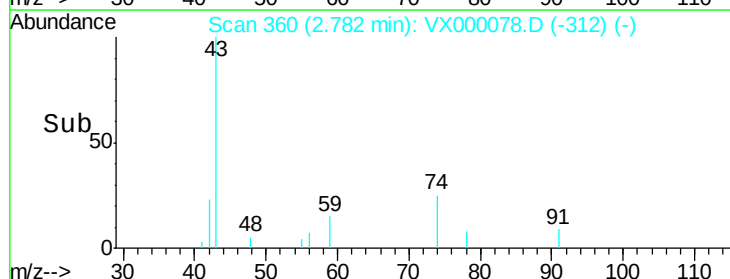
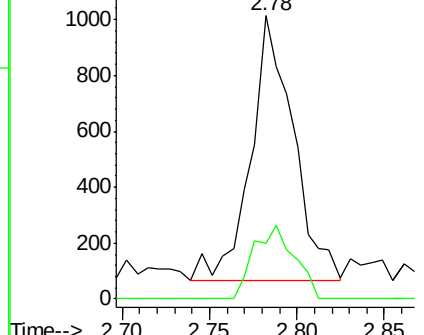
43 100

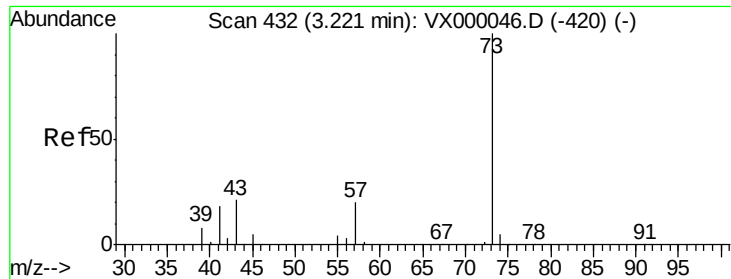
74 26.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

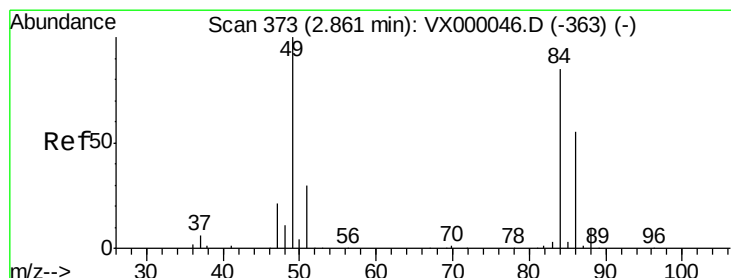
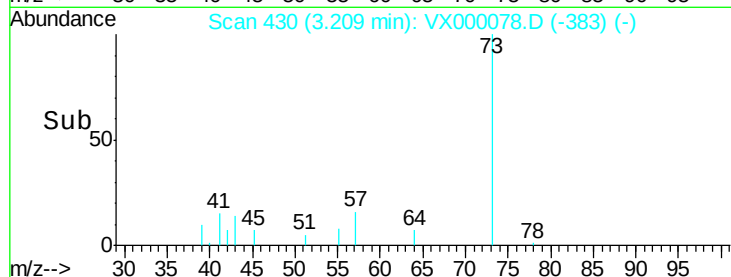
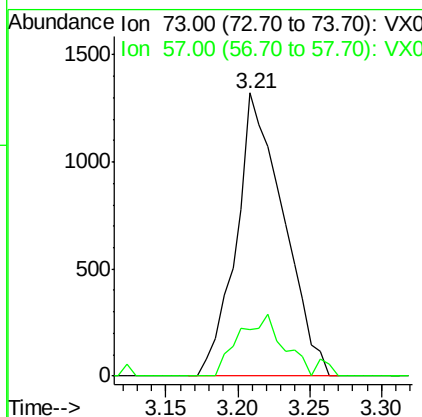
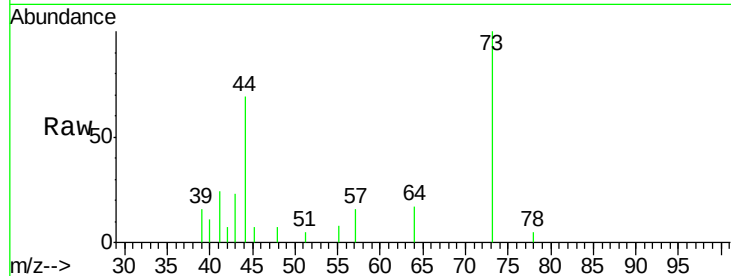
Methyl tert-butyl Ether
Concen: 0.86 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
73	100		
57	16.3	16.2	24.4

Manual Integrations
APPROVED

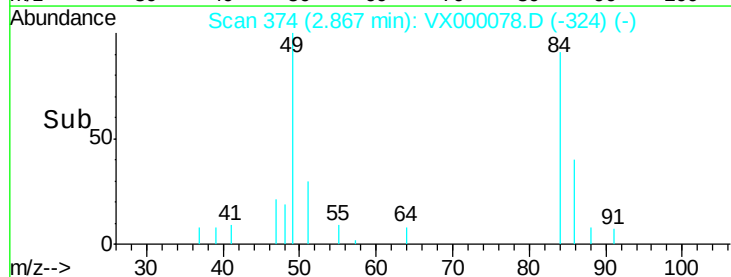
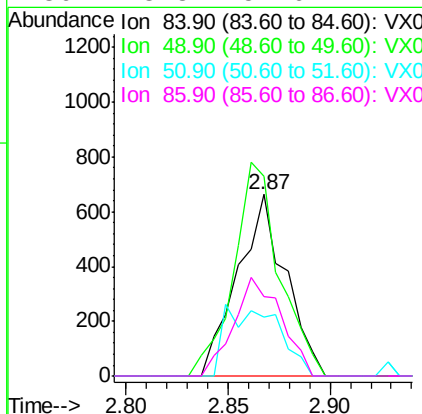
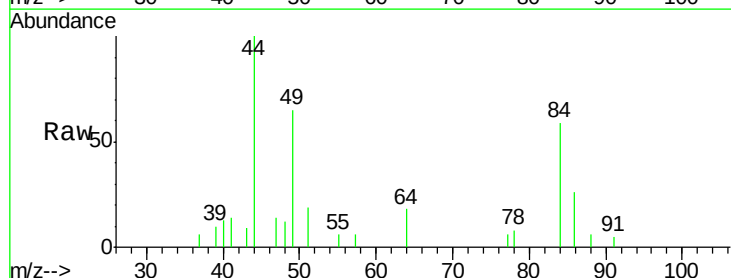
MMDadoda
2/16/2018 2:28:02 PM

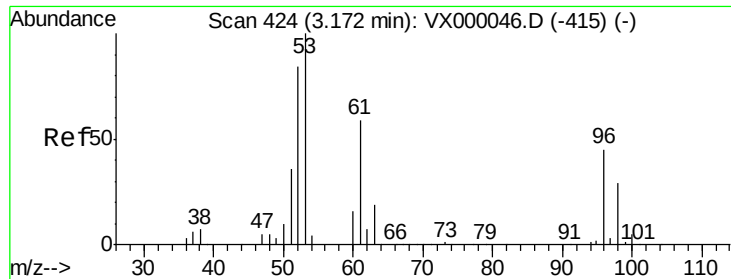


#20

Methylene Chloride
Concen: 0.99 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.4	94.4	141.6
51	32.6	28.3	42.5
86	43.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 0.84 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

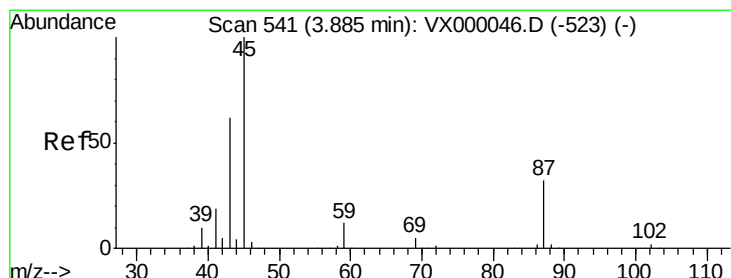
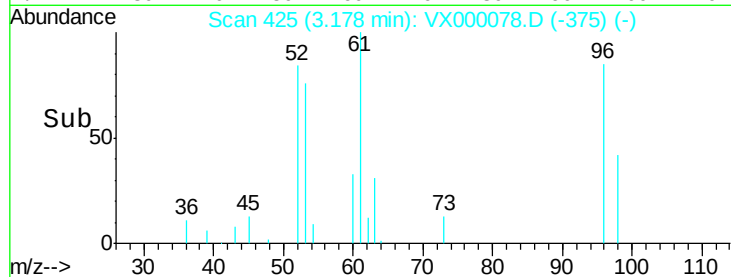
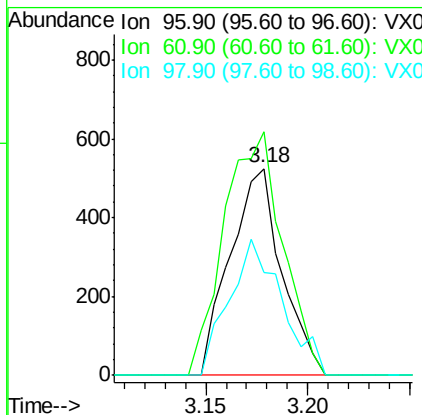
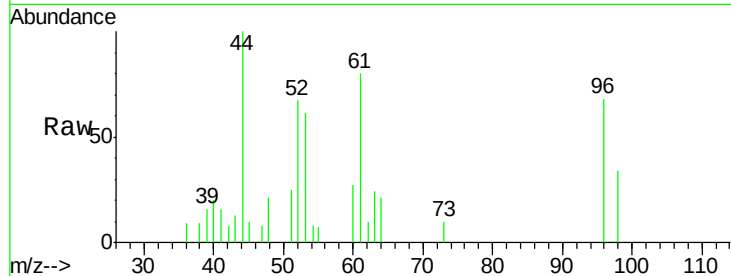
ClientSampled :

MDL06

Tot Ion:	96	Resp:	922
Ion	Ratio	Lower	Upper
96	100		
61	117.9	104.9	157.3
98	49.8	52.4	78.6#

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



#22

Diisopropyl ether

Concen: 0.77 ug/l

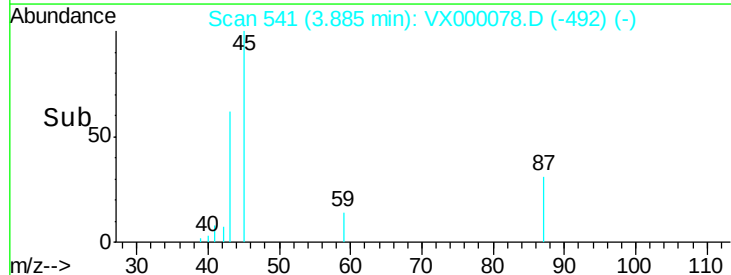
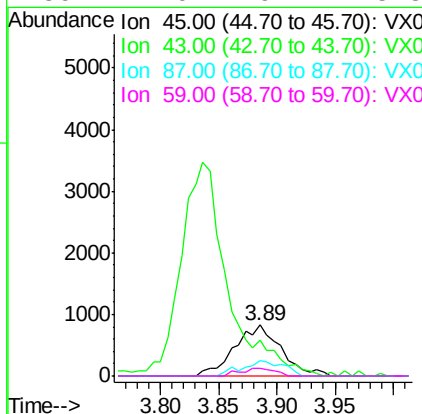
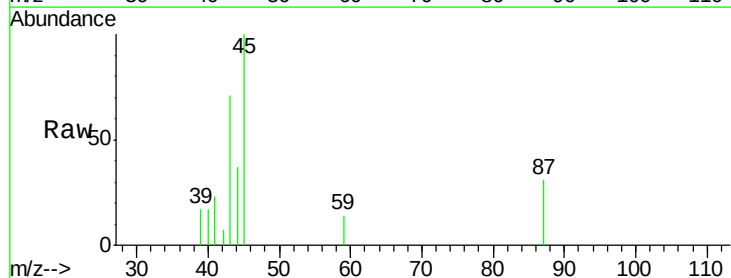
RT: 3.89 min Scan# 541

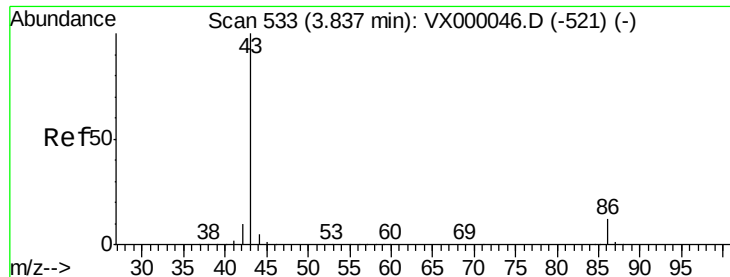
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	45	Resp:	2271
Ion	Ratio	Lower	Upper
45	100		
43	71.1	49.6	74.4
87	30.8	25.9	38.9
59	14.0	9.2	13.8#





#23

Vinyl Acetate

Concen: 3.64 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 43 Resp: 9694

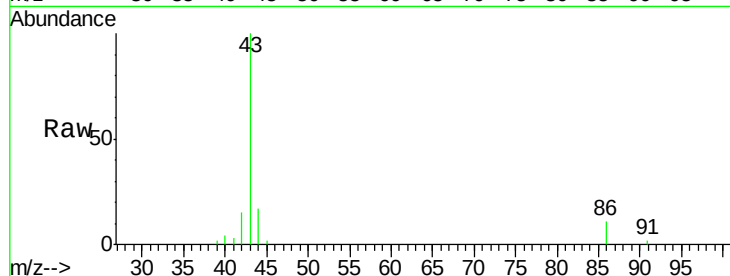
Ion Ratio Lower Upper

43 100

86 10.9 9.3 13.9

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

4000

3000

2000

1000

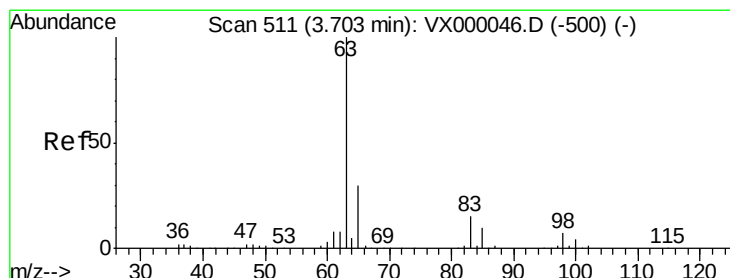
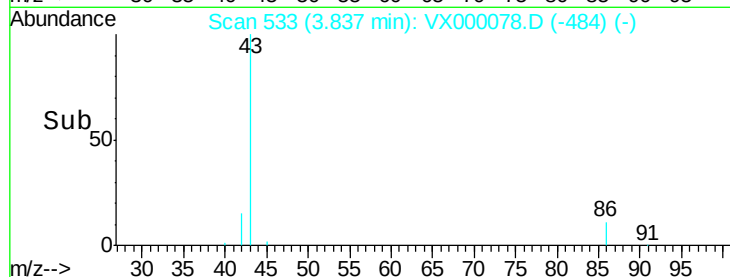
0

Time-->

3.70

3.80

3.90



#24

1,1-Dichloroethane

Concen: 0.77 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

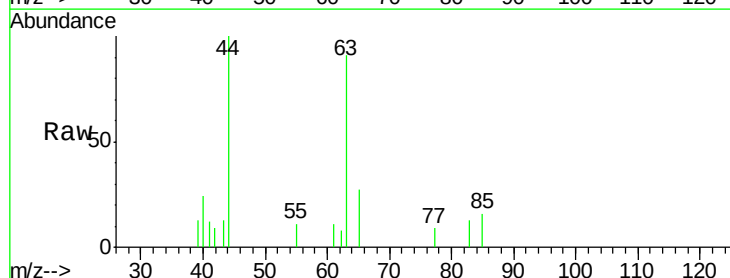
Tgt Ion: 63 Resp: 1417

Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

800

600

400

200

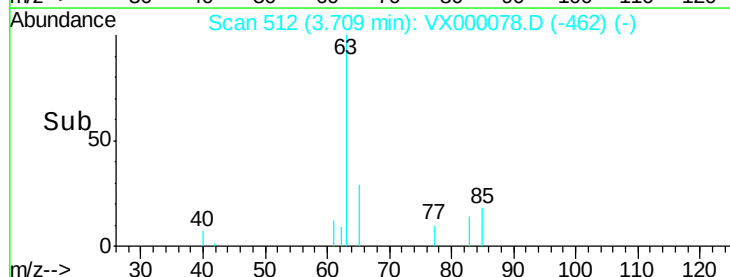
0

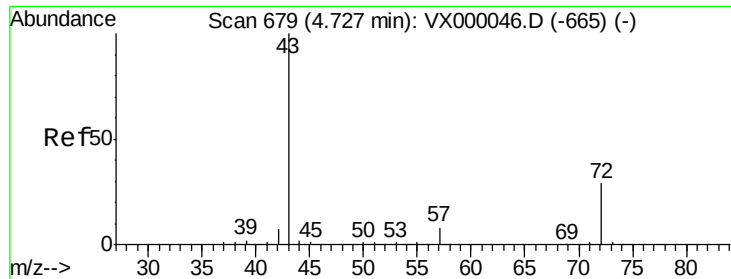
Time-->

3.65

3.70

3.75





#25

2-Butanone

Concen: 4.76 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 43 Resp: 4695

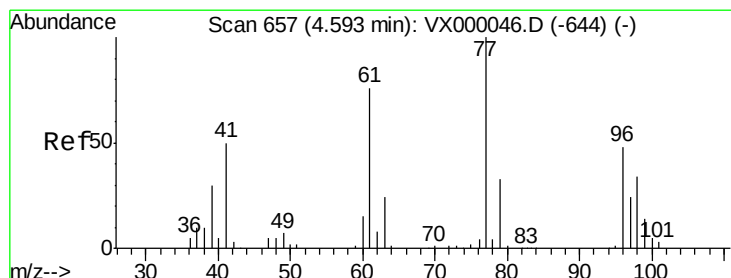
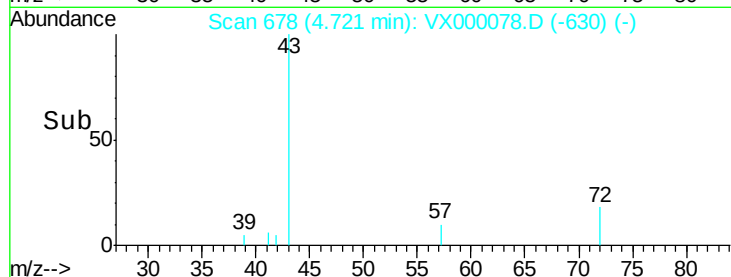
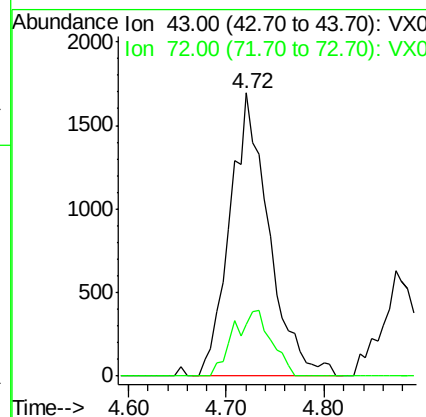
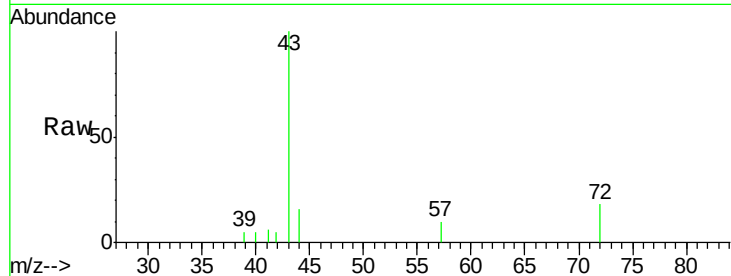
Ion Ratio Lower Upper

43 100

72 18.1 23.0 34.6#

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



#26

2,2-Dichloropropane

Concen: 0.80 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000078.D

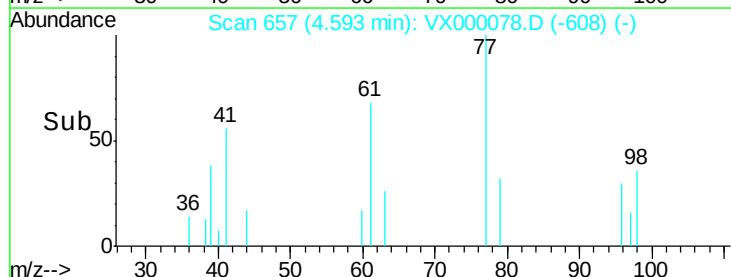
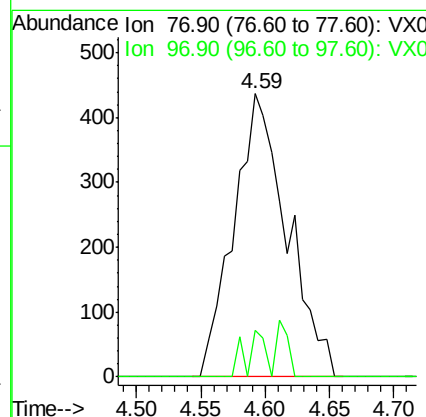
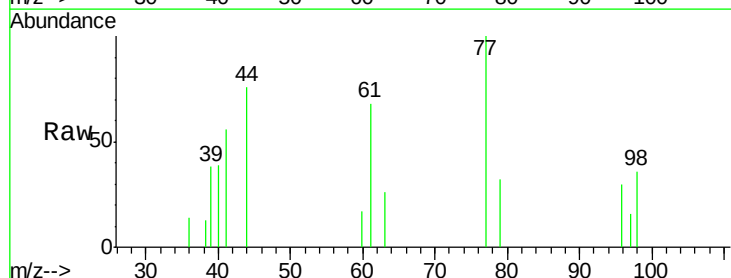
Acq: 13 Feb 2018 16:16

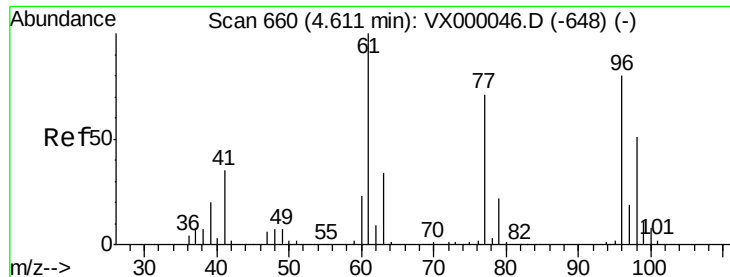
Tgt Ion: 77 Resp: 1259

Ion Ratio Lower Upper

77 100

97 5.6 11.8 35.4#





#27

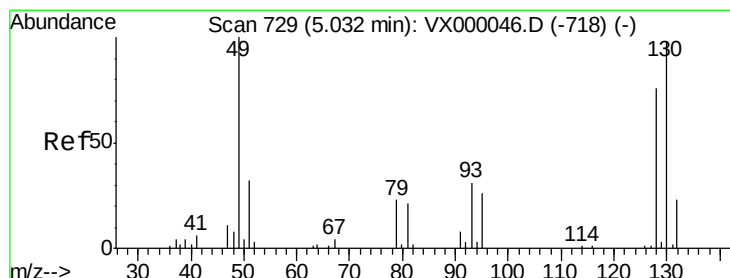
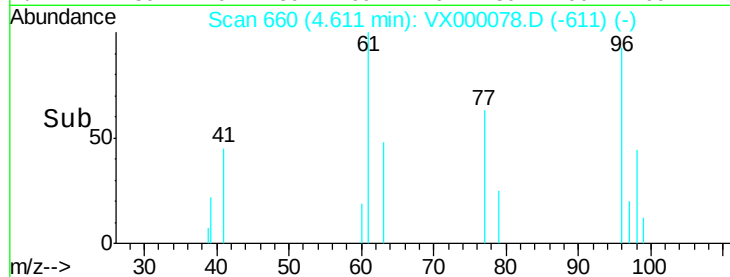
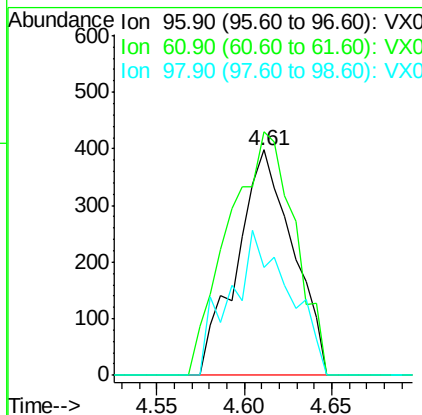
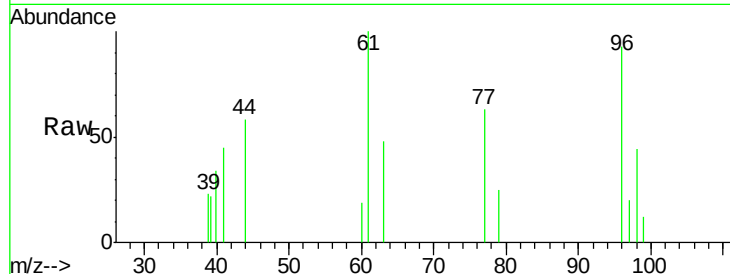
cis-1,2-Dichloroethene
Concen: 0.82 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.8	0.0	274.4
98	68.2	0.0	132.4

Manual Integrations
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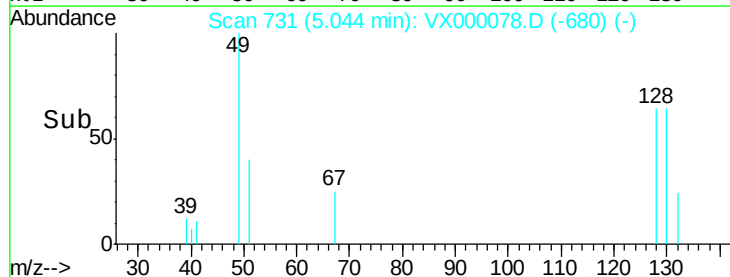
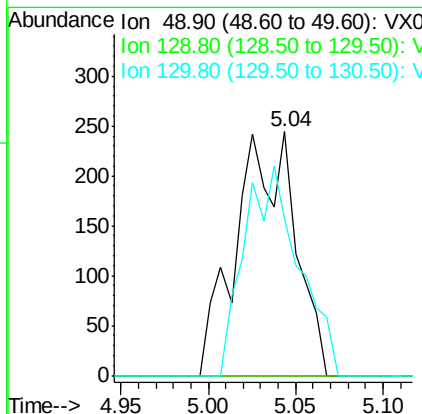
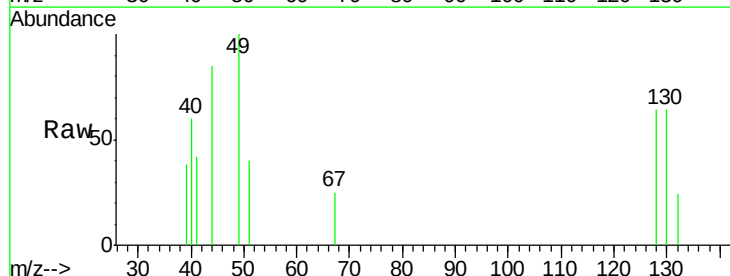
MMDadoda
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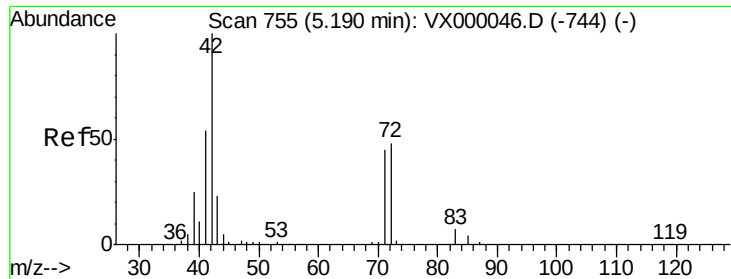


#28

Bromochloromethane
Concen: 0.94 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	80.3	75.6	113.4





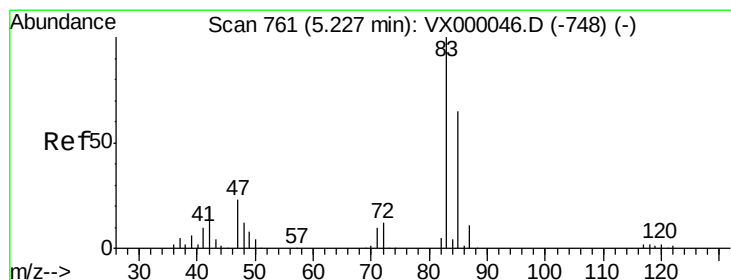
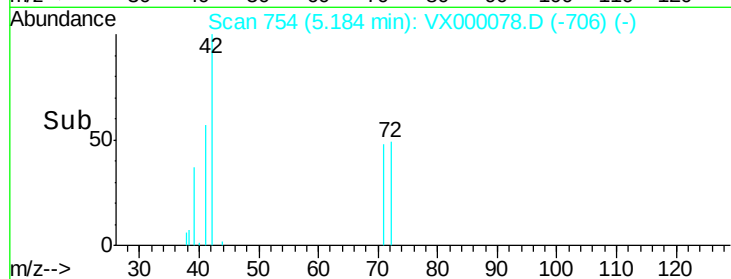
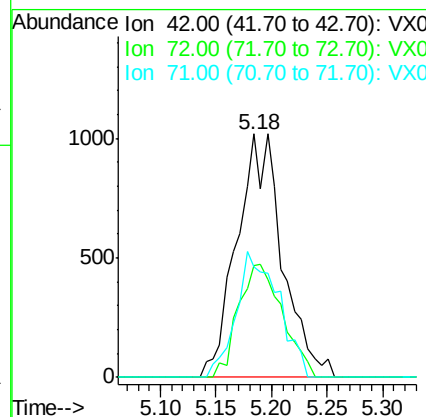
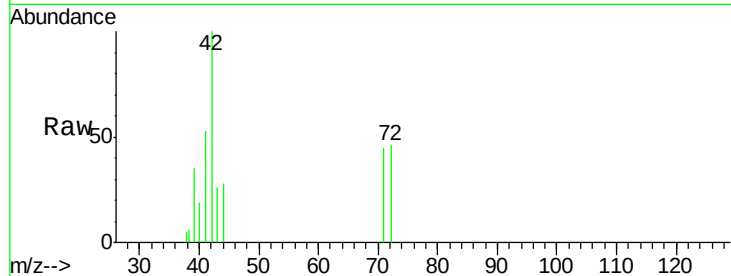
#29
Tetrahydrofuran
Concen: 4.31 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	39.0	58.6
71	47.6	36.7	55.1

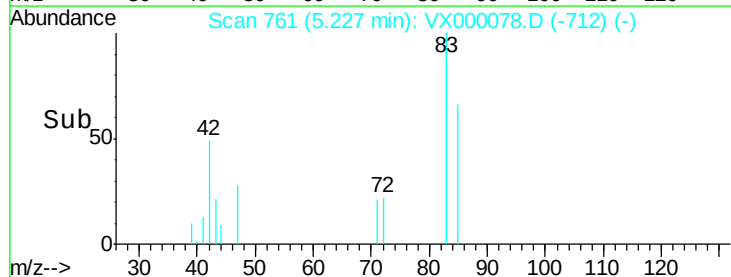
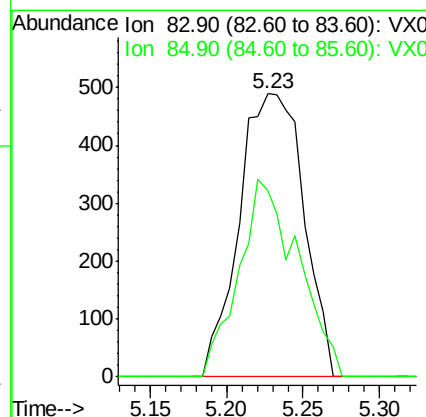
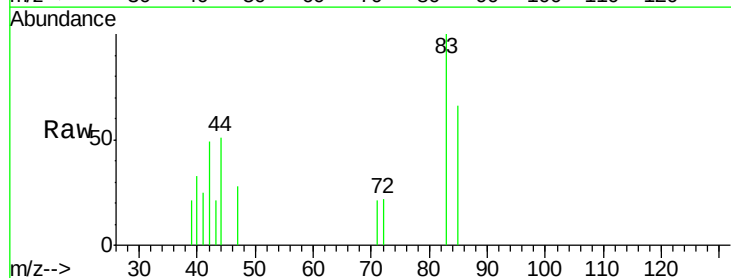
Manual Integrations
APPROVED

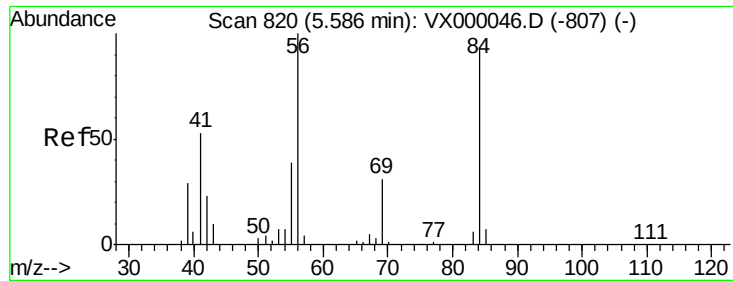
MMDadoda
2/16/2018 2:28:02 PM



#30
Chloroform
Concen: 0.78 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.9	77.9





#31

Cyclohexane

Concen: 0.76 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

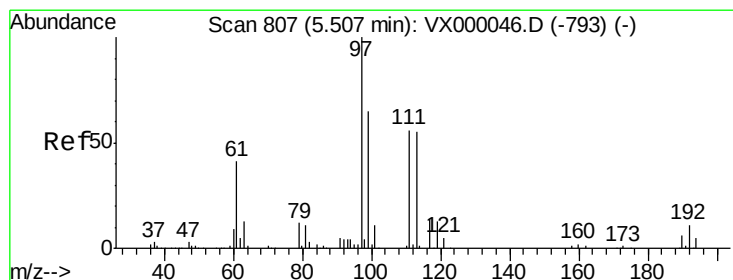
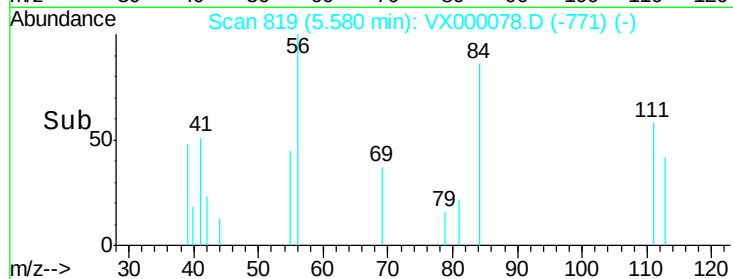
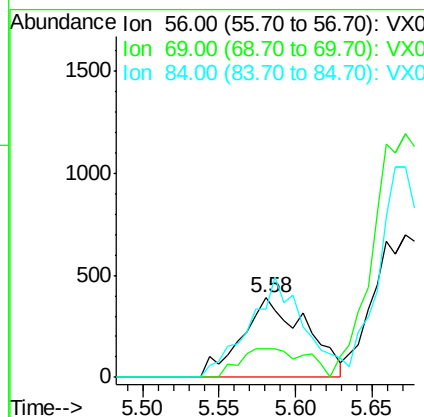
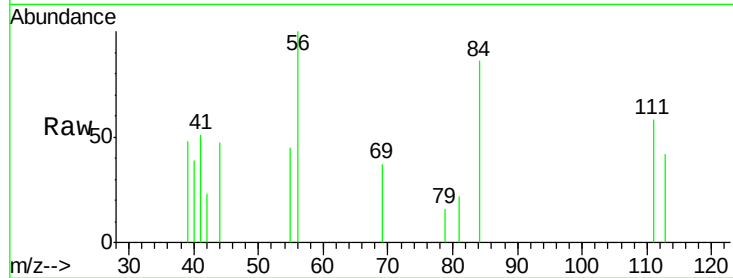
ClientSampled :

MDL06

Tot Ion:	56	Resp:	1144
Ion	Ratio	Lower	Upper
56	100		
69	36.5	24.5	36.7
84	85.6	74.8	112.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.80 ug/l

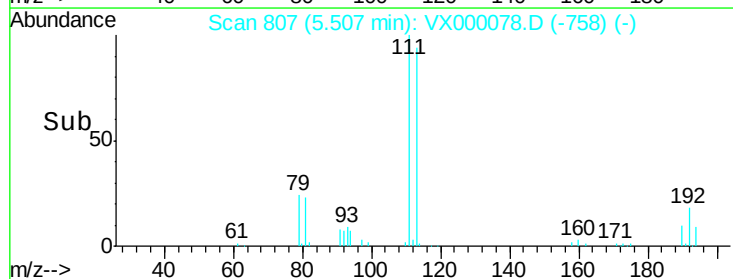
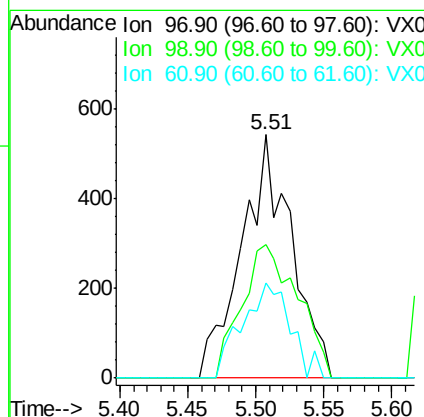
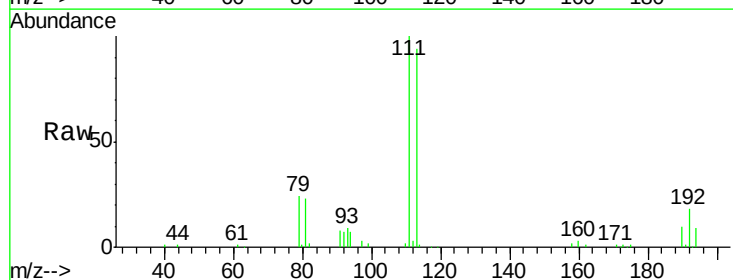
RT: 5.51 min Scan# 807

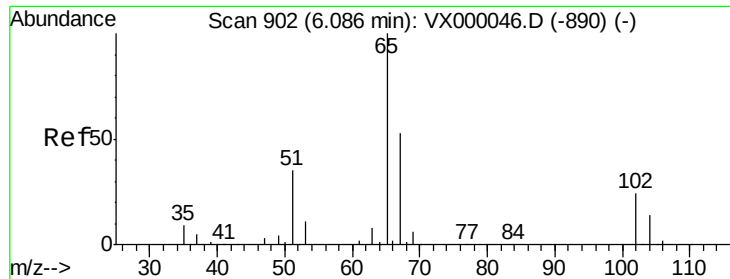
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	97	Resp:	1389
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	37.9	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 53.03 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 65 Resp: 58502

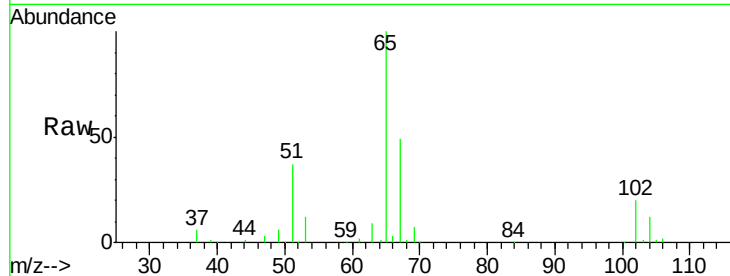
Ion Ratio Lower Upper

65 100

67 52.0 0.0 106.0

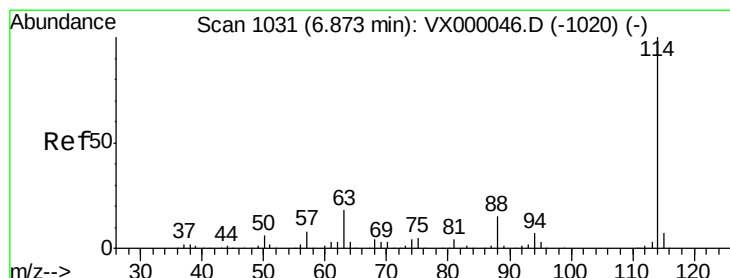
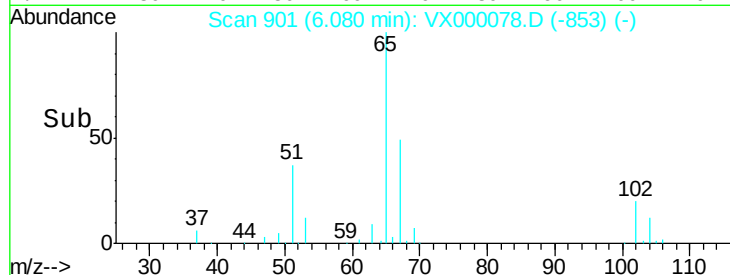
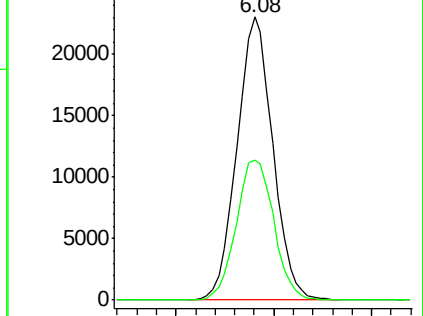
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

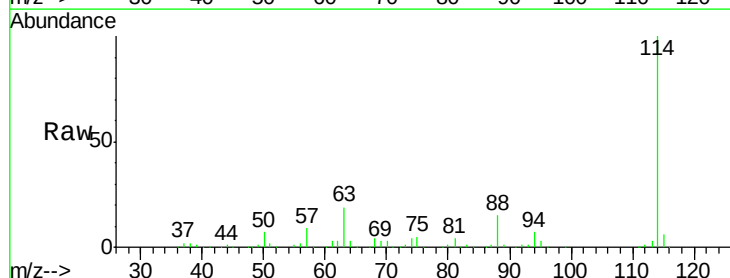
Tgt Ion: 114 Resp: 174243

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.0

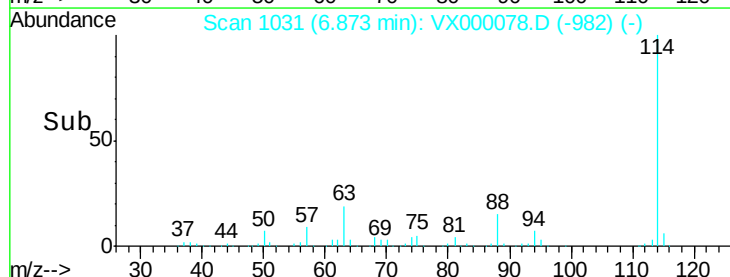
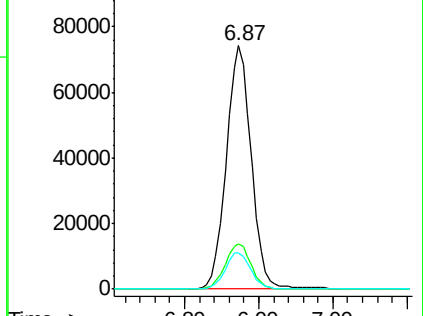
88 14.7 0.0 30.4

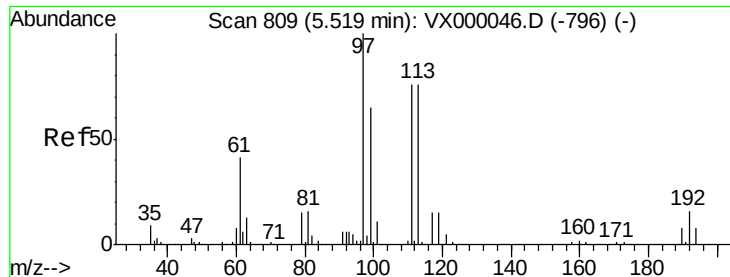


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





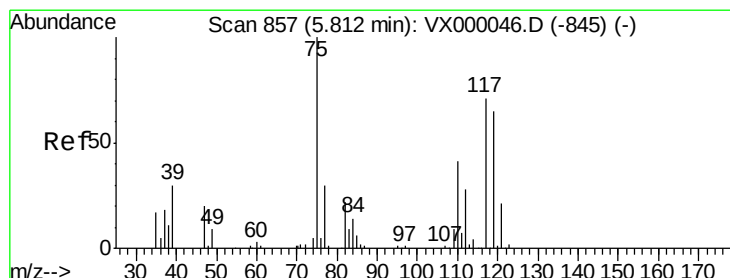
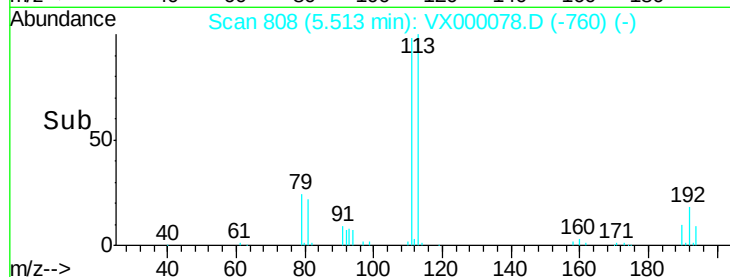
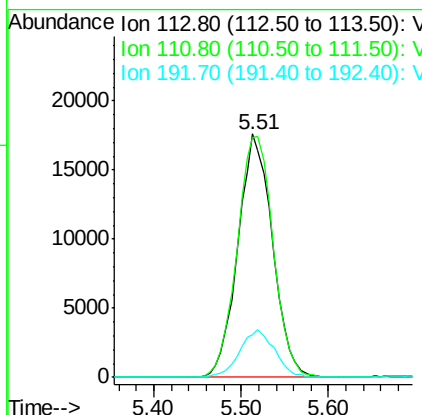
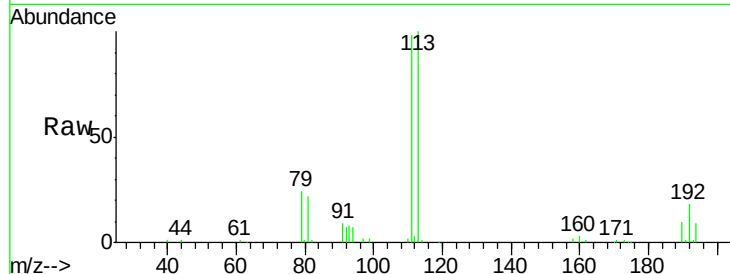
#35
Dibromofluoromethane
Concen: 47.59 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion:113 Resp: 48416
Ion Ratio Lower Upper
113 100
111 103.2 80.5 120.7
192 19.8 16.9 25.3

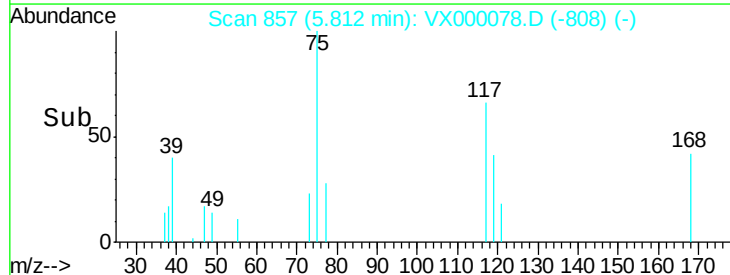
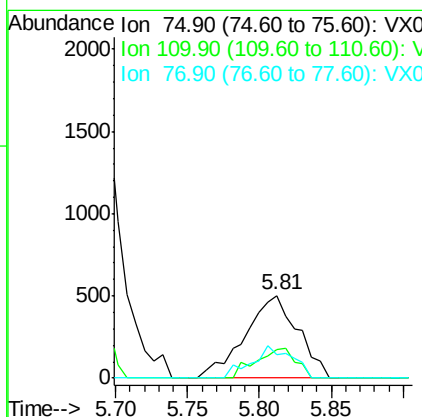
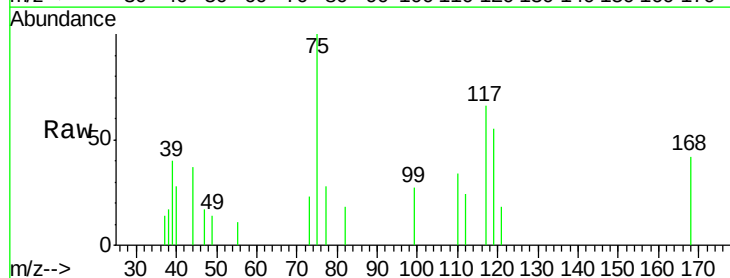
Manual Integrations
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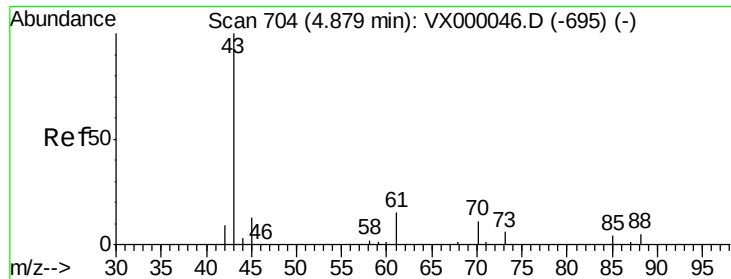
MMDadoda
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#36
1,1-Dichloropropene
Concen: 0.85 ug/l
RT: 5.81 min Scan# 857
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 75 Resp: 1285
Ion Ratio Lower Upper
75 100
110 27.1 19.4 58.4
77 29.5 24.2 36.4





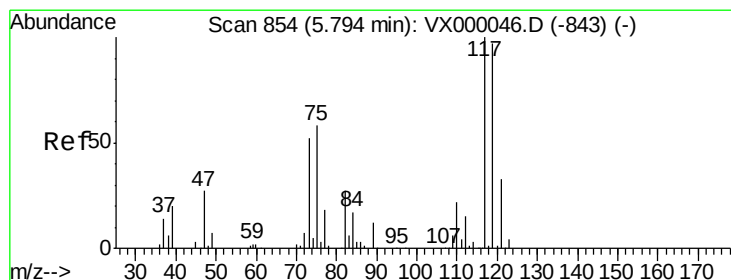
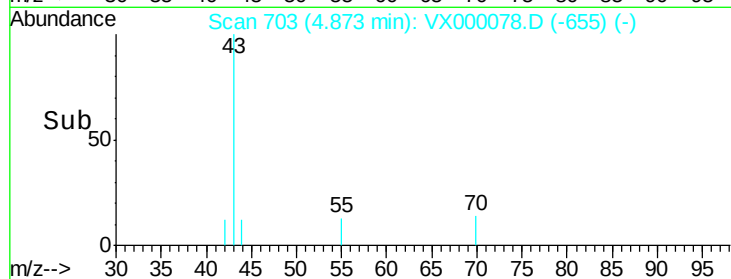
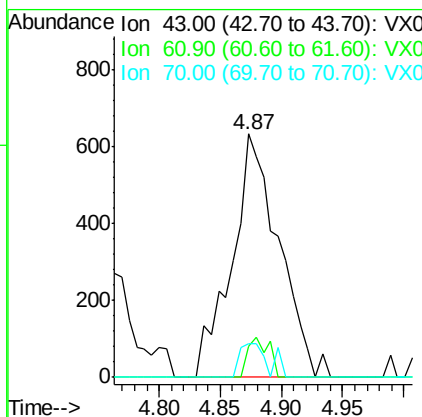
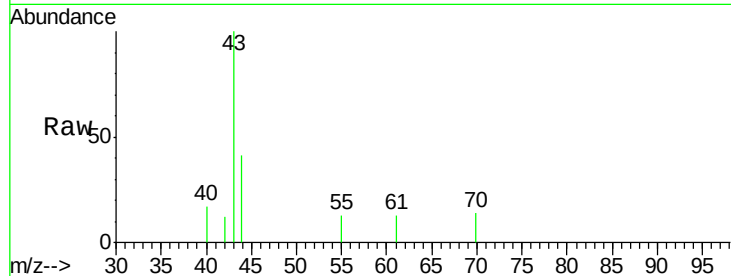
#37
Ethyl Acetate
Concen: 0.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
Client Sampled :
MDL06

Tot Ion	Ratio	Lower	Upper
43	100		
61	7.4	11.4	17.2#
70	6.5	9.0	13.6#

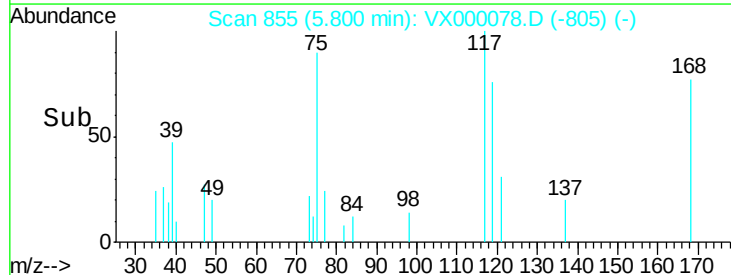
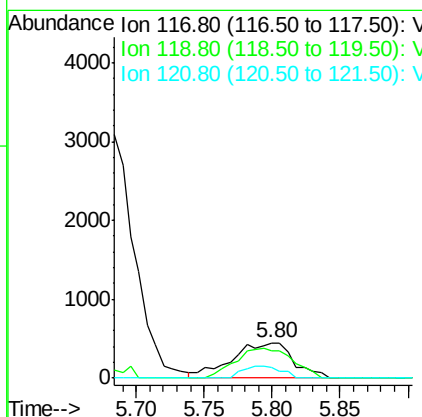
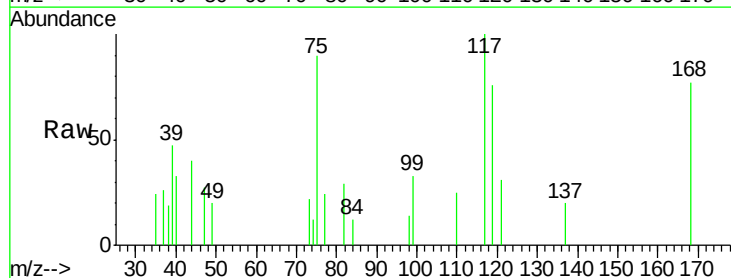
Manual Integrations
APPROVED

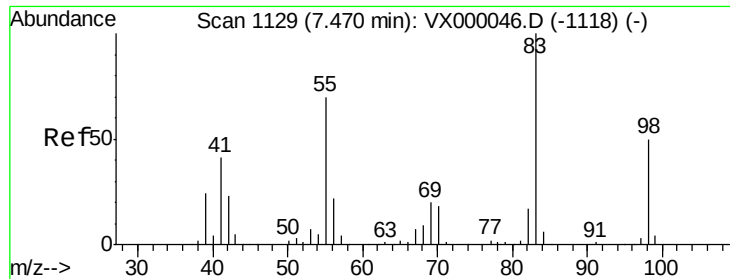
MMDadoda
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#38
Carbon Tetrachloride
Concen: 0.83 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	76.4	76.9	115.3#
121	31.3	25.8	38.8





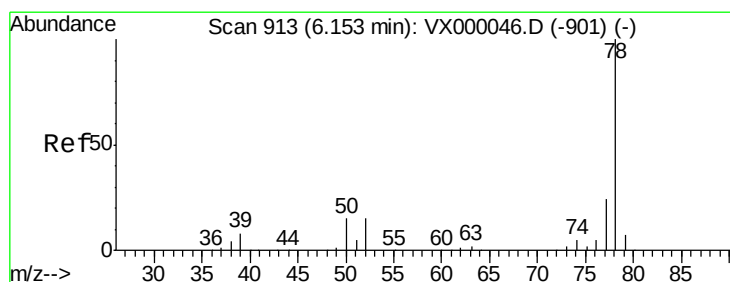
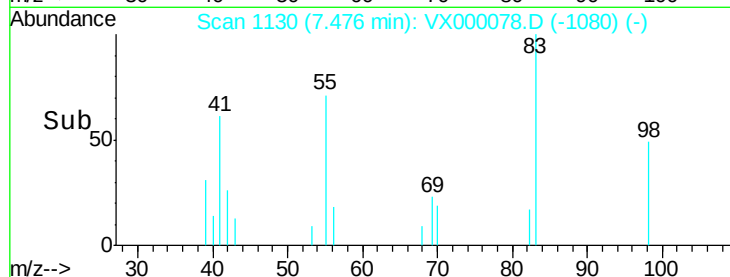
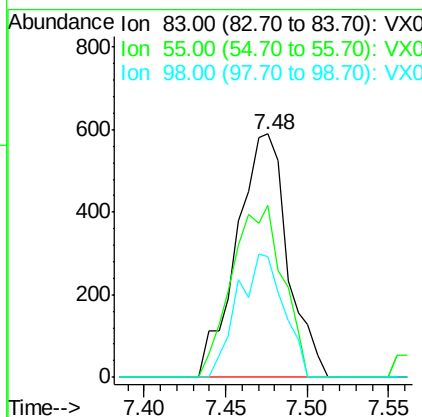
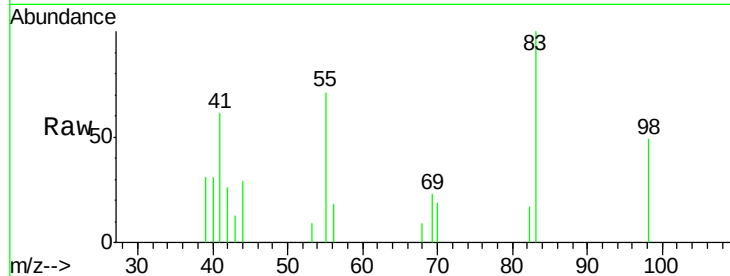
#39
Methylvlcyclohexane
Concen: 0.70 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	55.7	83.5
98	49.3	39.7	59.5

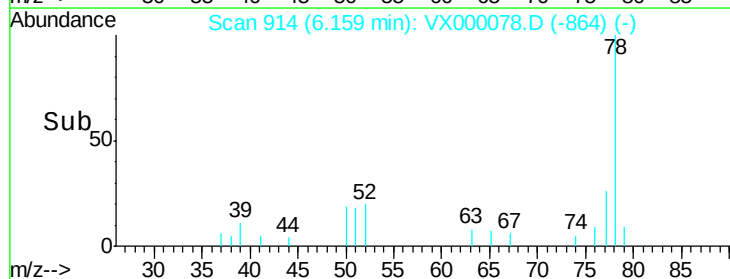
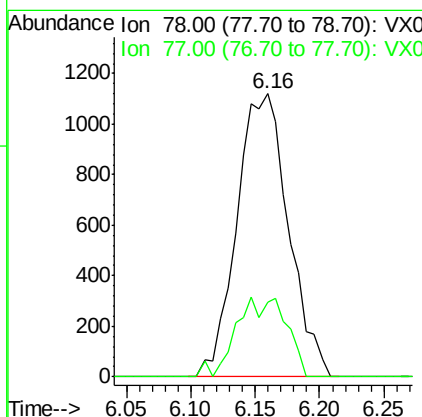
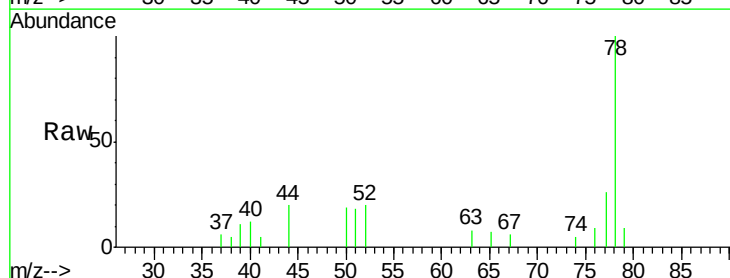
Manual Integrations
APPROVED

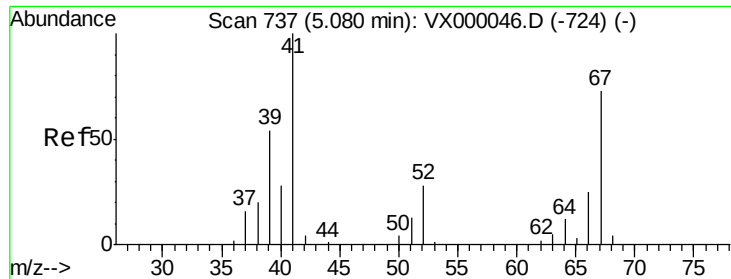
MMDadoda
2/16/2018 2:28:02 PM



#40
Benzene
Concen: 0.72 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.4	29.2





#41

Methacrylonitrile

Concen: 1.03 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

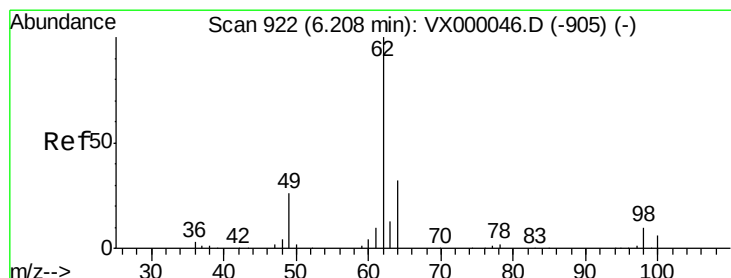
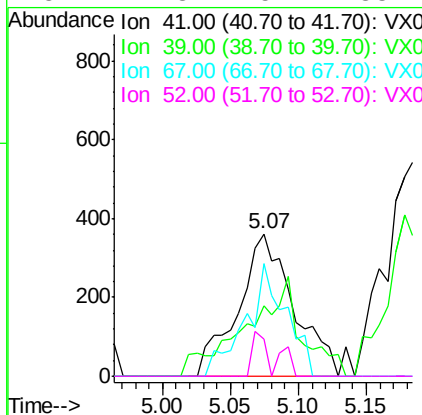
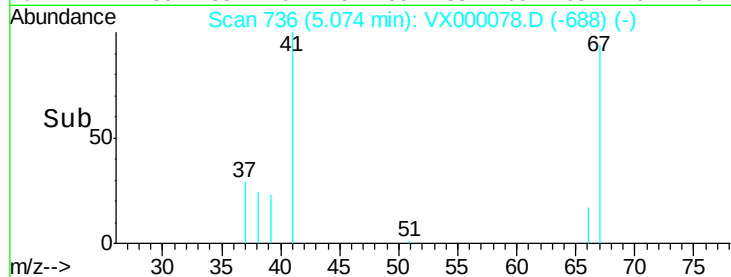
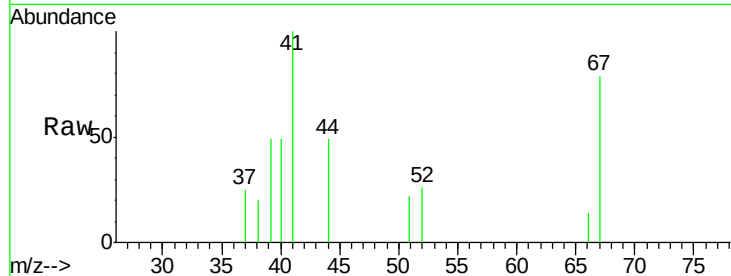
ClientSampled :

MDL06

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	0.0	45.8	68.8#	
67	57.6	60.6	91.0#	
52	7.3	25.4	38.2#	

Manual Integrations
APPROVED

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2/16/2018 2:28:02 PM



#42

1,2-Dichloroethane

Concen: 0.77 ug/l

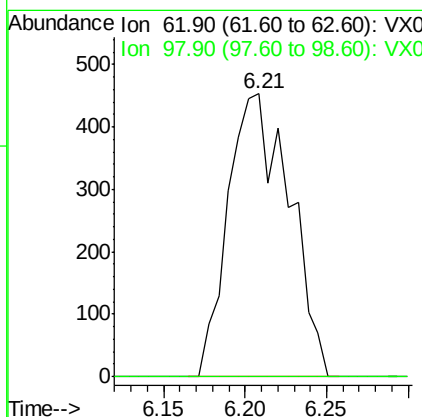
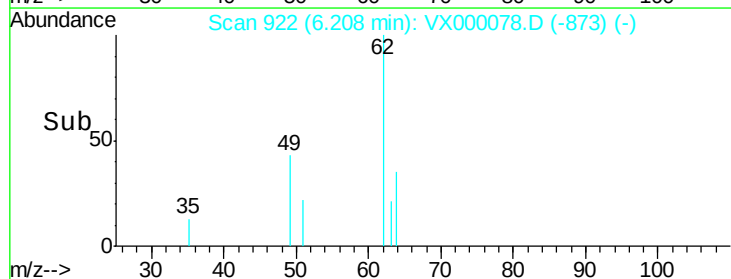
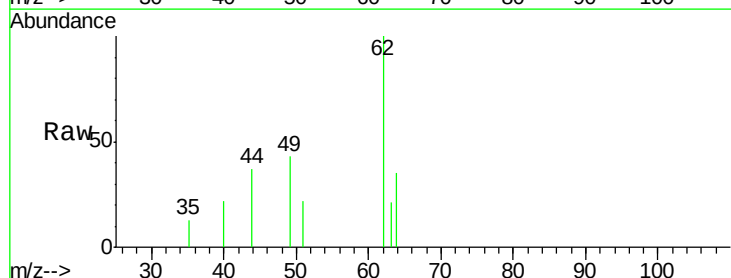
RT: 6.21 min Scan# 922

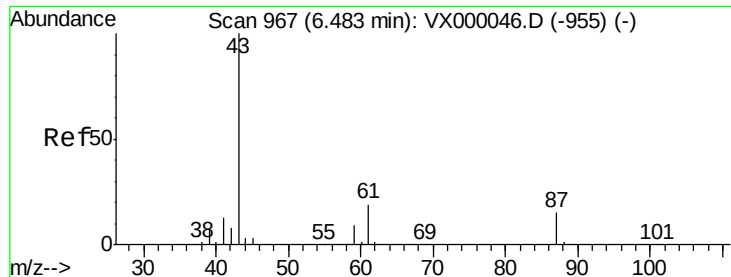
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

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





#43

Isopropyl Acetate

Concen: 0.77 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

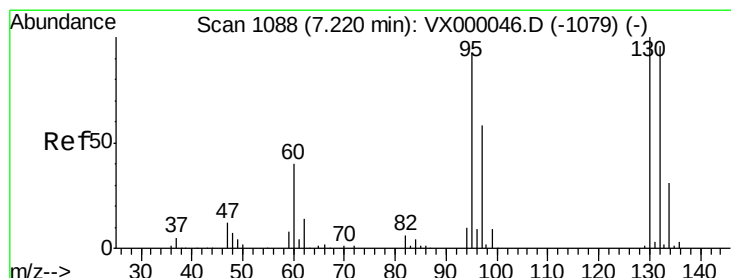
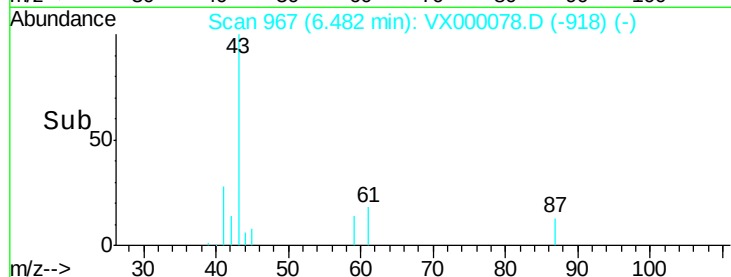
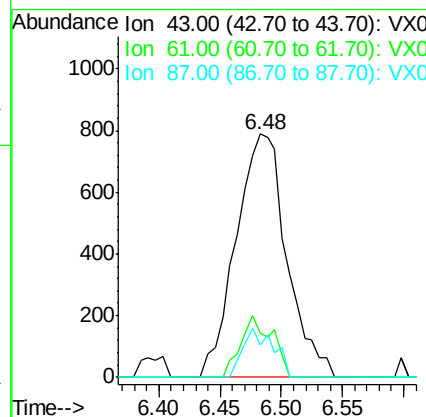
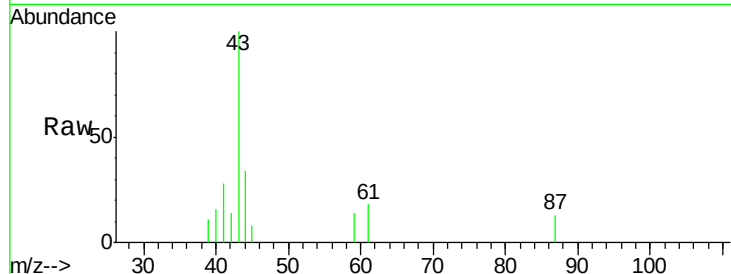
ClientSampled :

MDL06

Tot Ion:	43	Resp:	2274
Ion	Ratio	Lower	Upper
43	100		
61	15.6	15.9	23.9#
87	11.9	11.8	17.6

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



#44

Trichloroethene

Concen: 0.74 ug/l

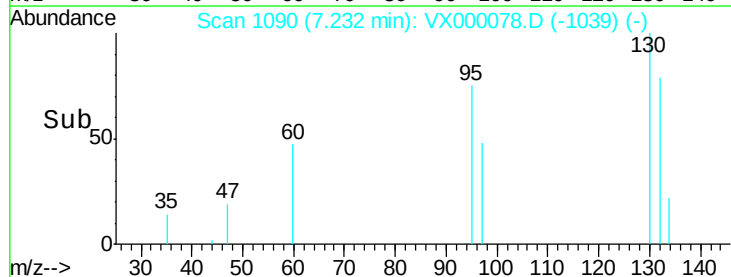
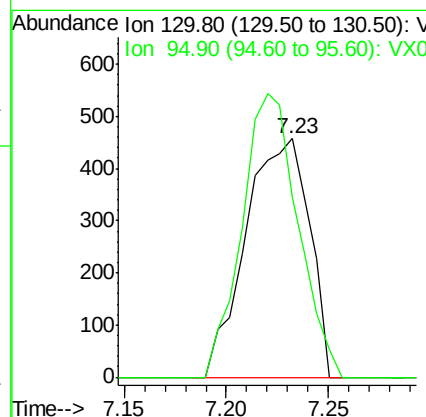
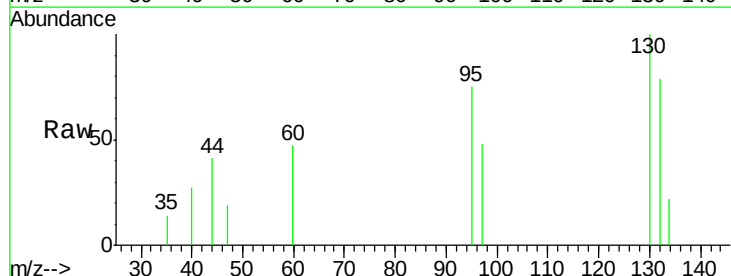
RT: 7.23 min Scan# 1090

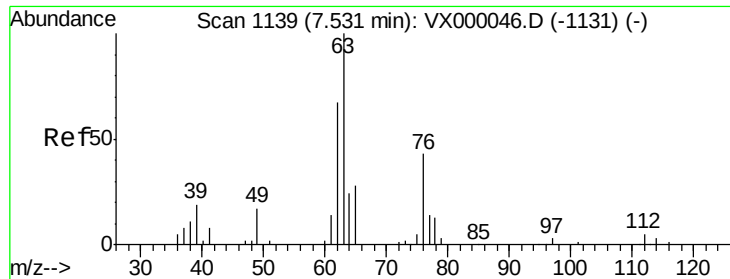
Delta R.T. 0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	130	Resp:	987
Ion	Ratio	Lower	Upper
130	100		
95	75.3	0.0	185.2





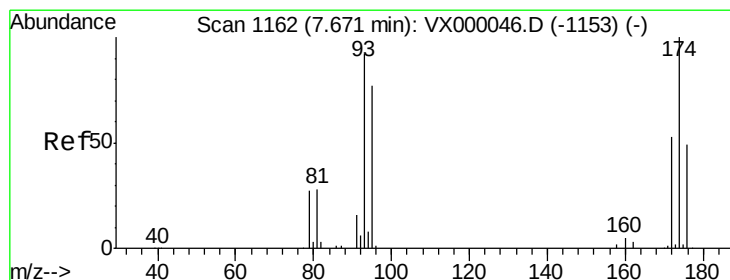
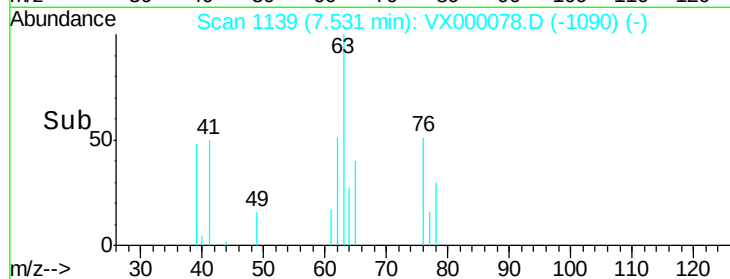
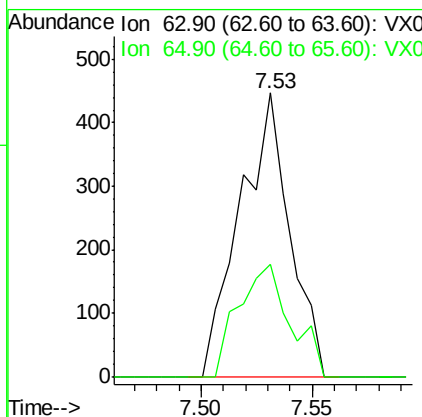
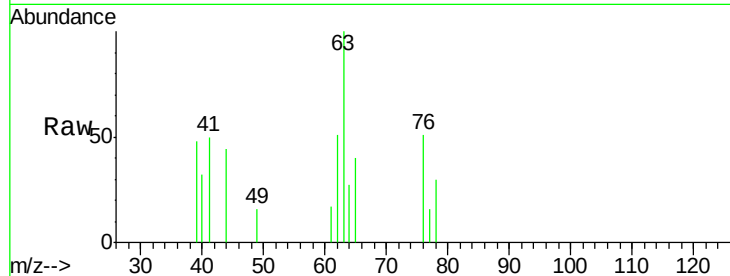
#45
 1,2-Dichloropropane
 Concen: 0.67 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion: 63 Resp: 694
 Ion Ratio Lower Upper
 63 100
 65 39.6 23.7 35.5#

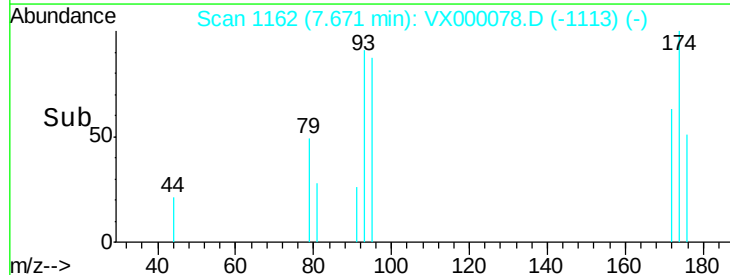
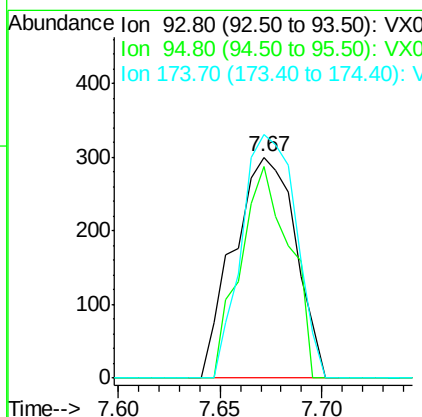
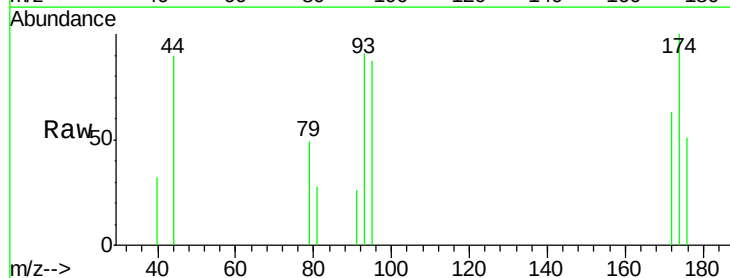
Manual Integrations
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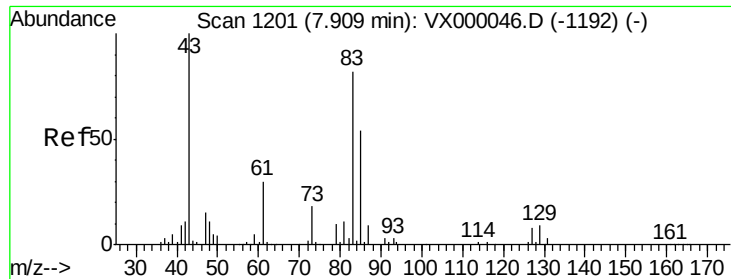
MMDadoda
 2/16/2018 2:28:02 PM



#46
 Dibromomethane
 Concen: 0.79 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion: 93 Resp: 635
 Ion Ratio Lower Upper
 93 100
 95 75.9 66.3 99.5
 174 96.5 90.4 135.6





#47

Bromodichloromethane

Concen: 0.68 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

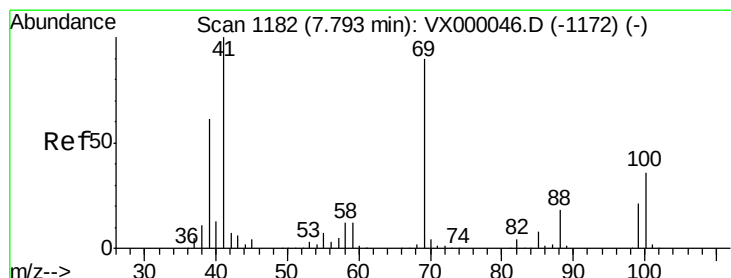
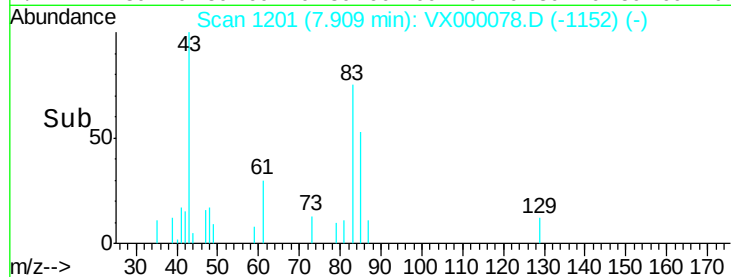
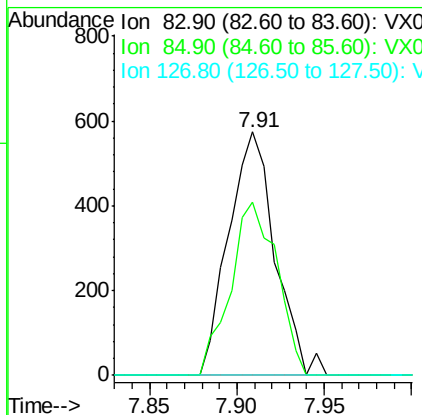
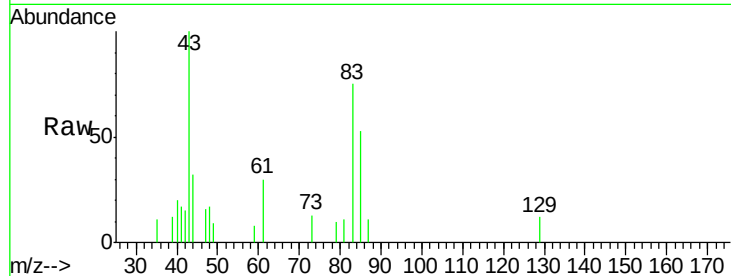
ClientSampled :

MDL06

Tot Ion	83	Resp	1059
Ion	Ratio	Lower	Upper
83	100		
85	71.1	52.3	78.5
127	0.0	7.4	11.0#

Manual Integrations
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MMDadoda
2/16/2018 2:28:02 PM



#48

Methyl methacrylate

Concen: 0.74 ug/l

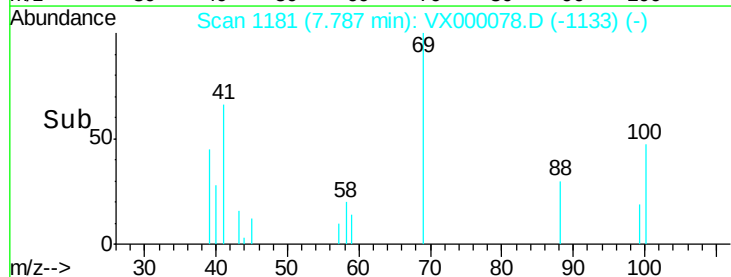
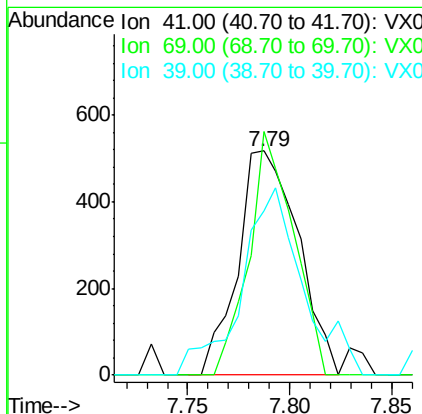
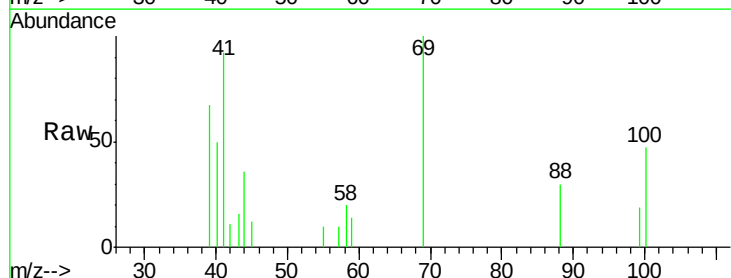
RT: 7.79 min Scan# 1181

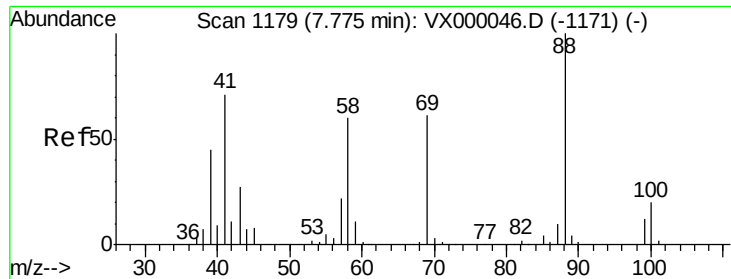
Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion	41	Resp	1067
Ion	Ratio	Lower	Upper
41	100		
69	80.3	72.1	108.1
39	85.4	49.6	74.4#





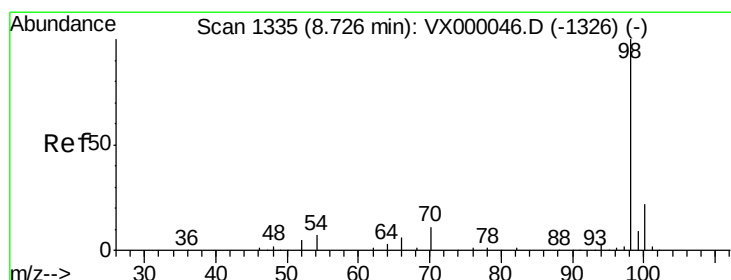
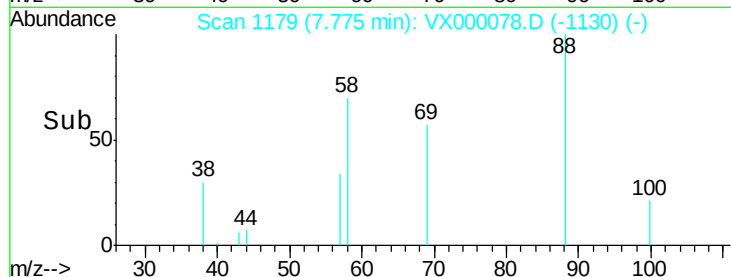
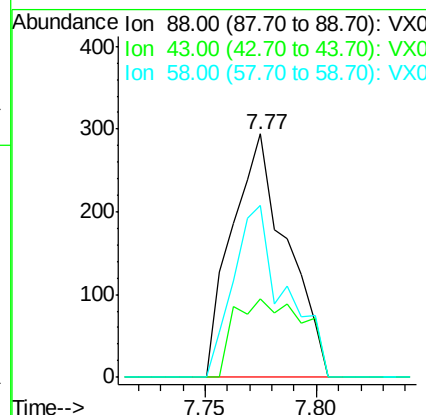
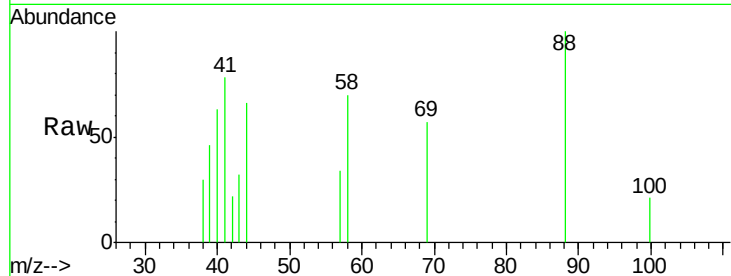
#49
1,4-Dioxane
Concen: 13.08 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	22.6	33.8#
58	66.5	49.4	74.2

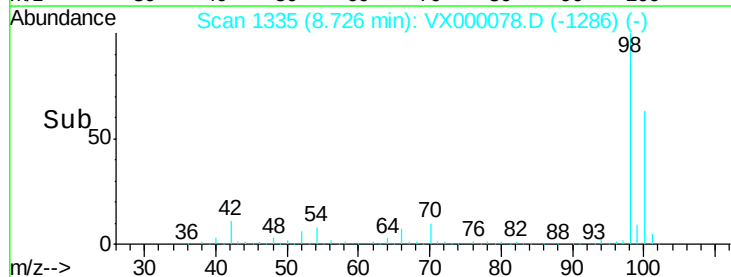
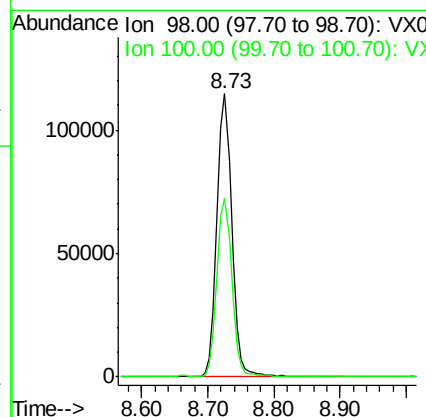
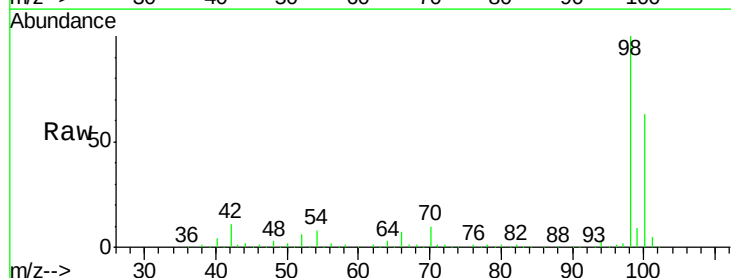
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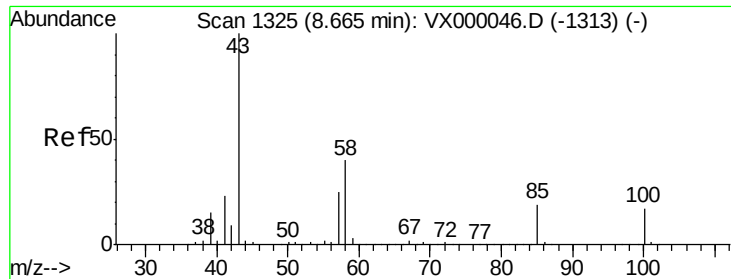
MMDadoda
2/16/2018 2:28:02 PM



#50
Toluene-d8
Concen: 47.55 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.6





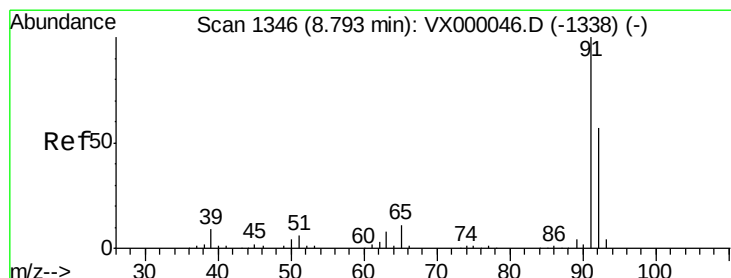
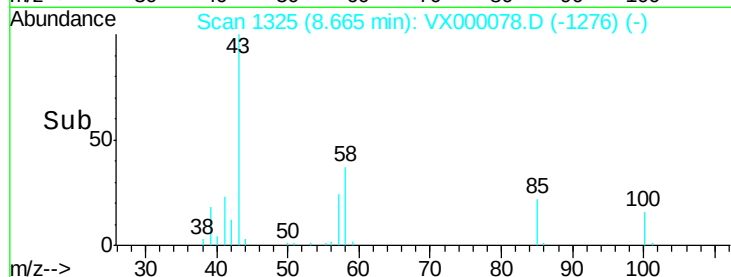
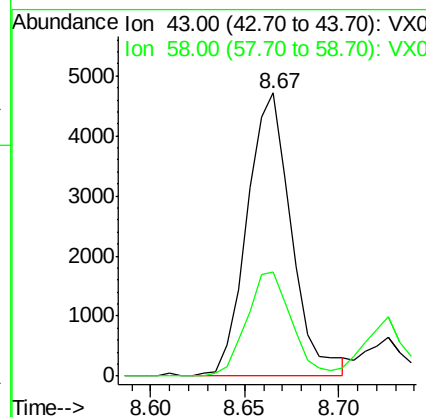
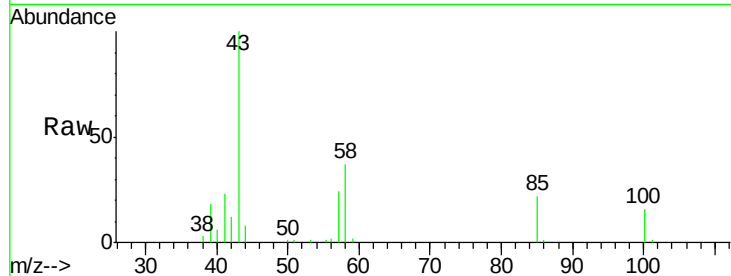
#51
4-Methyl-2-Pentanone
Concen: 3.74 ug/l
RT: 8.67 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion: 43 Resp: 7691
Ion Ratio Lower Upper
43 100
58 37.2 32.1 48.1

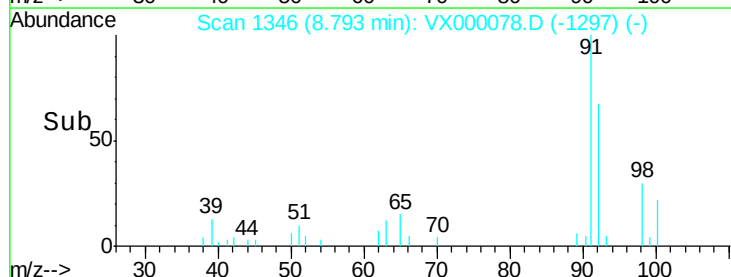
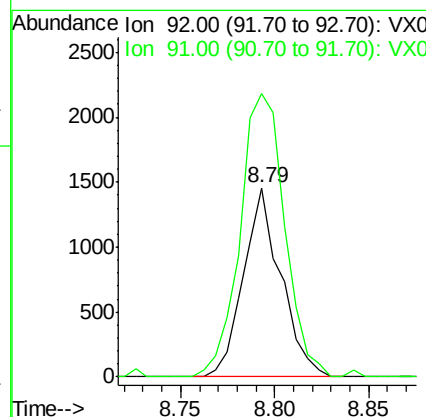
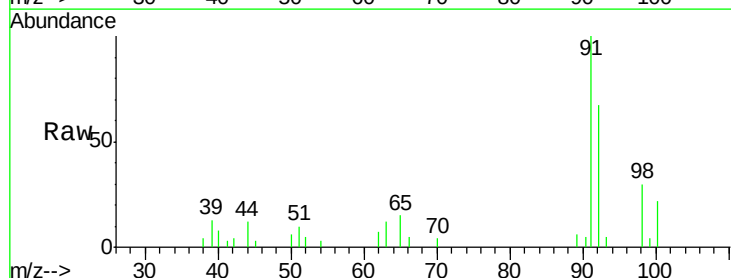
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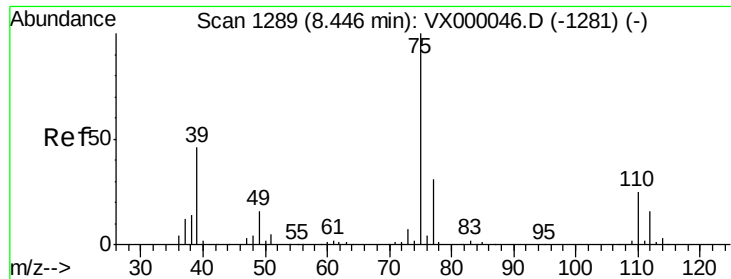
MMDadoda
2/16/2018 2:28:02 PM



#52
Toluene
Concen: 0.69 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 92 Resp: 1999
Ion Ratio Lower Upper
92 100
91 179.2 139.8 209.6





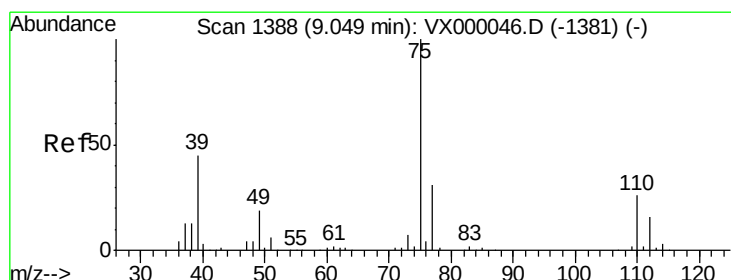
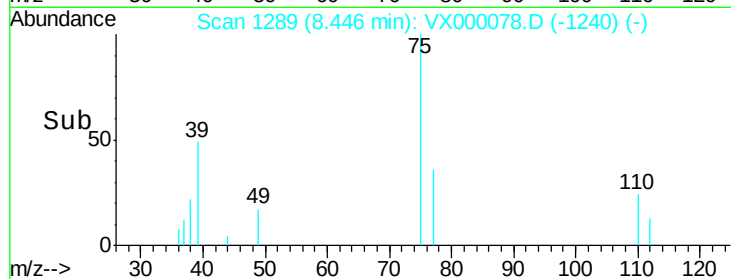
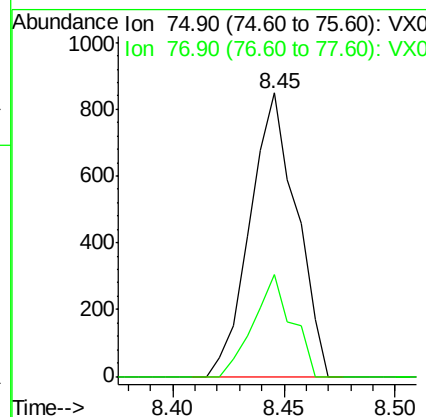
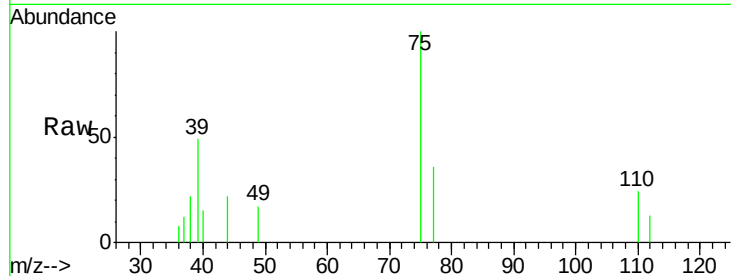
#53
 t-1,3-Dichloropropene
 Concen: 0.67 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion: 75 Resp: 1231
 Ion Ratio Lower Upper
 75 100
 77 35.8 25.0 37.4

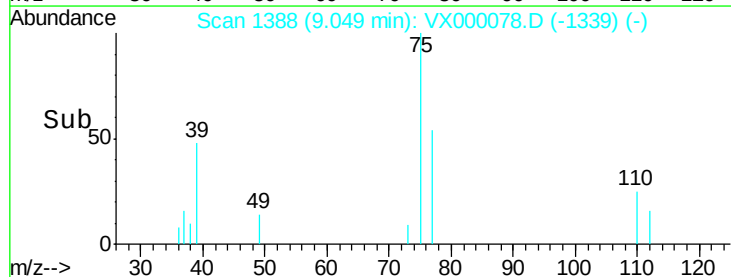
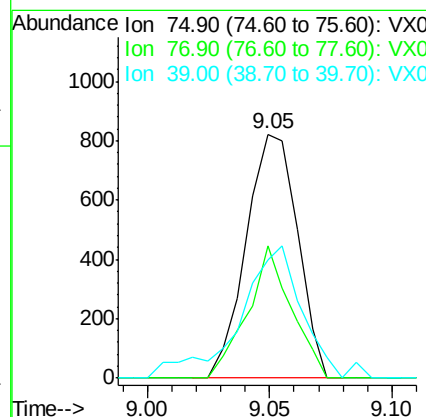
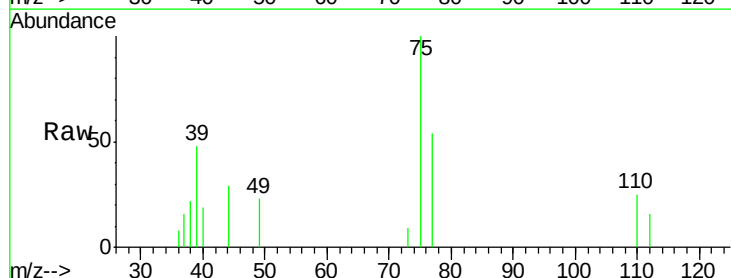
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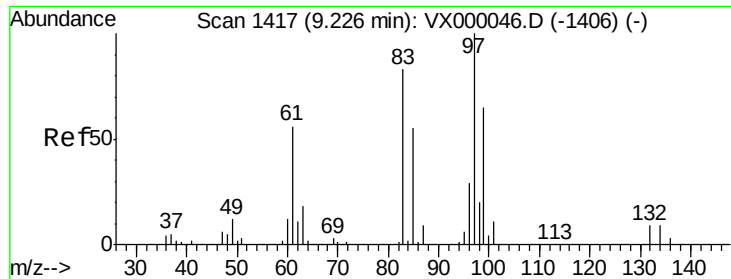
MMDadoda
 2/16/2018 2:28:02 PM



#54
 cis-1,3-Dichloropropene
 Concen: 0.67 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 77 54.3 25.1 37.7#
 39 48.2 36.1 54.1





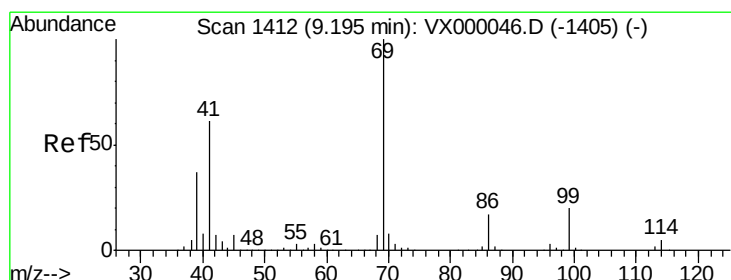
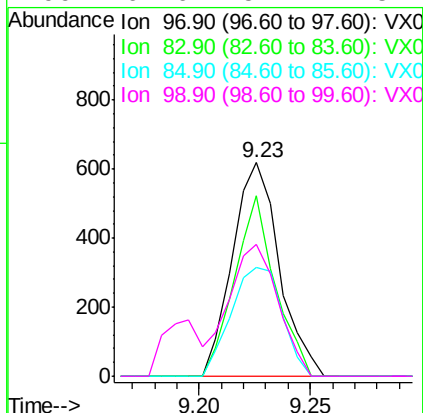
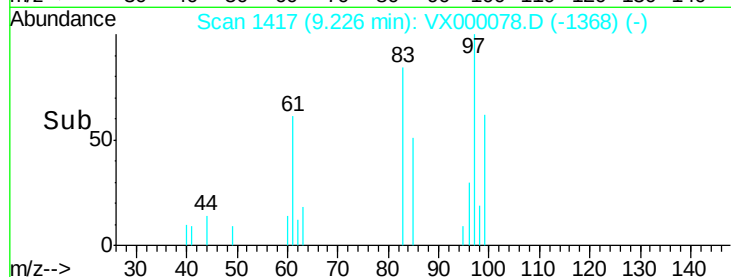
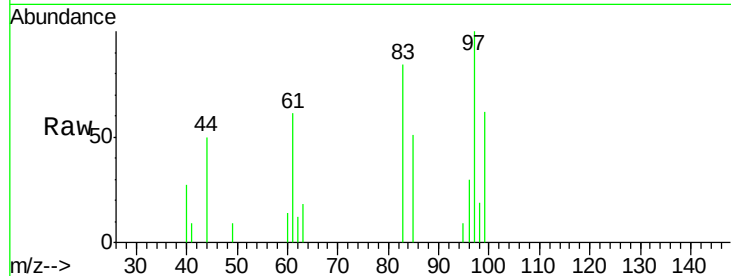
#55
 1,1,2-Trichloroethane
 Concen: 0.75 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion:	97	Resp:	904
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.5	99.7
85	50.9	43.8	65.6
99	61.6	52.2	78.4

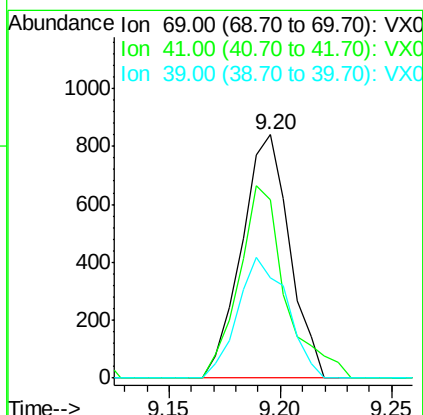
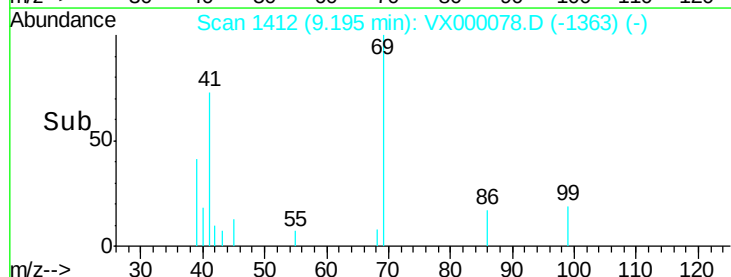
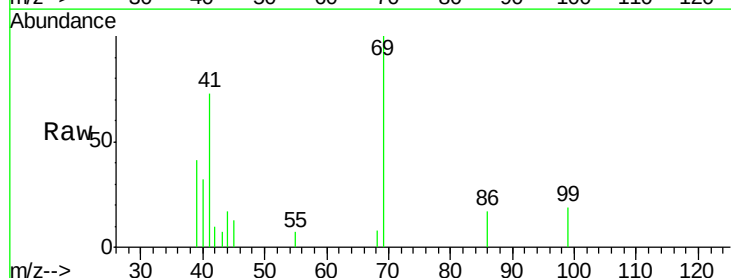
Manual Integrations
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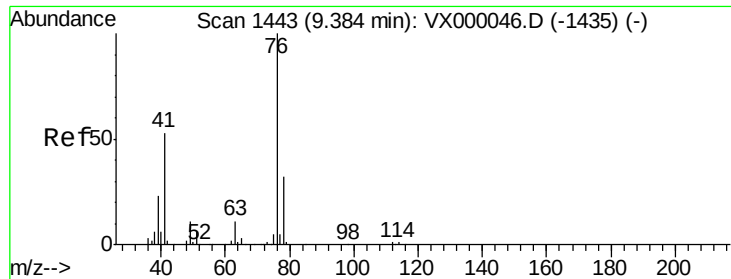
MMDadoda
 2/16/2018 2:28:02 PM



#56
 Ethyl methacrylate
 Concen: 0.68 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion:	69	Resp:	1260
Ion	Ratio	Lower	Upper
69	100		
41	77.0	49.5	74.3#
39	51.3	29.9	44.9#





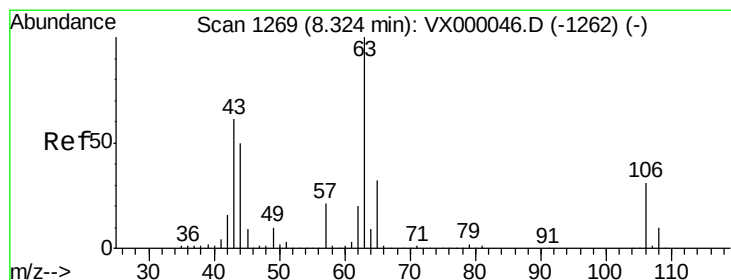
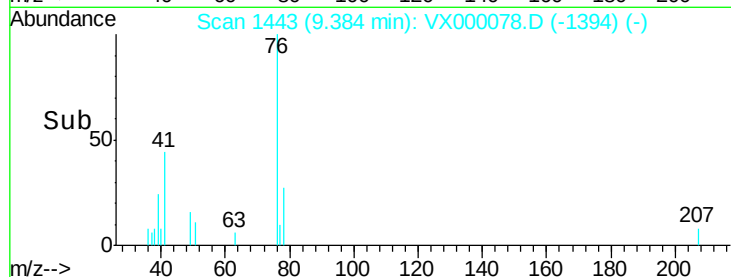
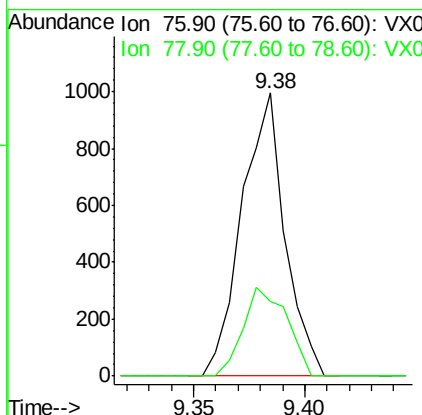
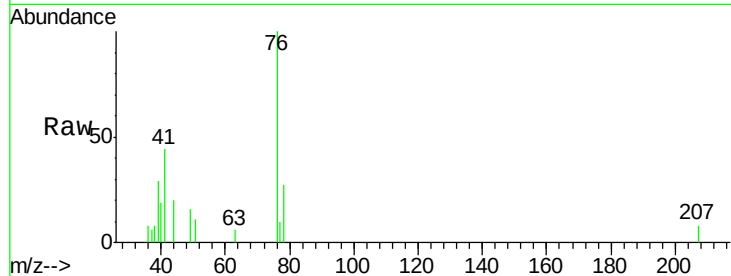
#57
 1,3-Dichloropropane
 Concen: 0.71 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.9	38.9

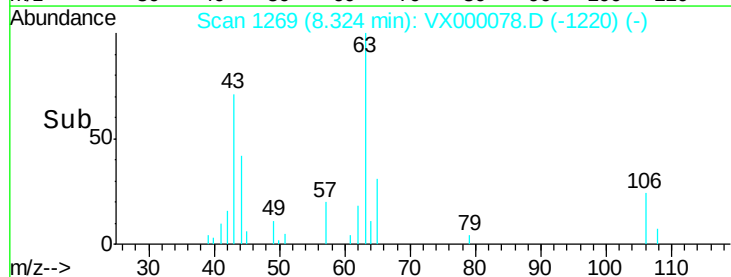
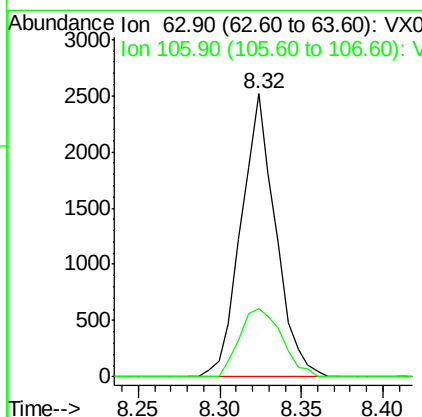
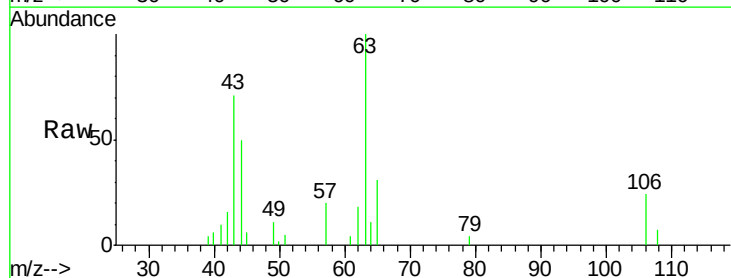
Manual Integrations
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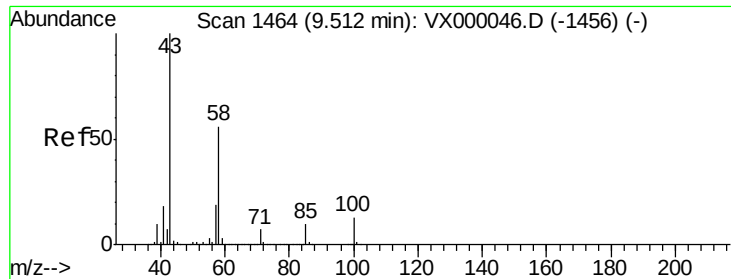
MMDadoda
 2/16/2018 2:28:02 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.06 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	24.7	37.1





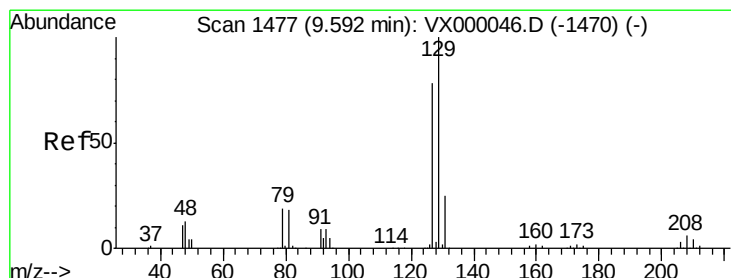
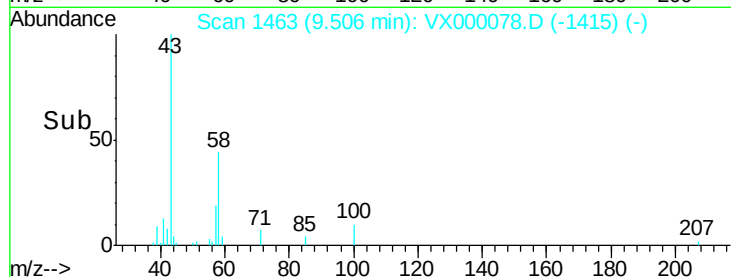
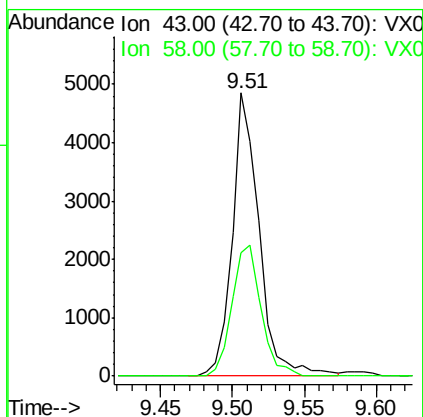
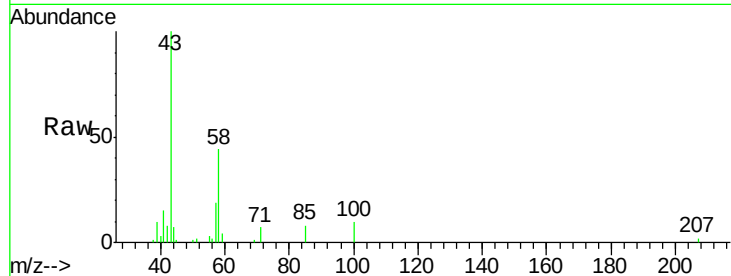
#59
2-Hexanone
Concen: 3.79 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion: 43 Resp: 6351
Ion Ratio Lower Upper
43 100
58 50.2 27.6 82.7

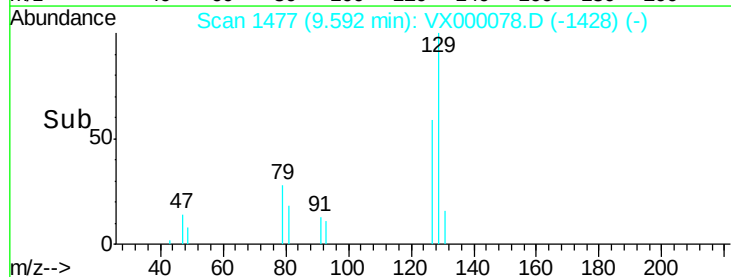
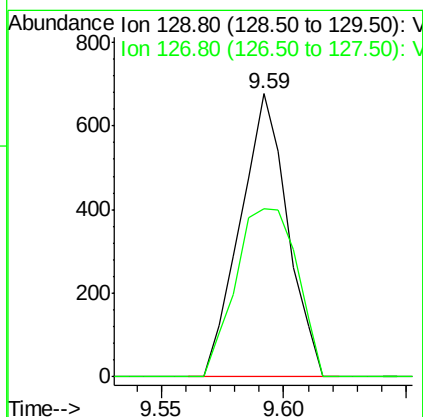
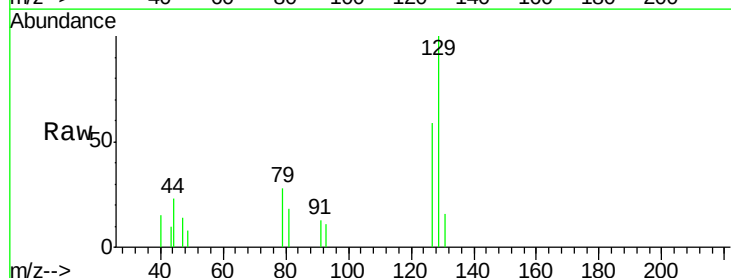
Manual Integrations
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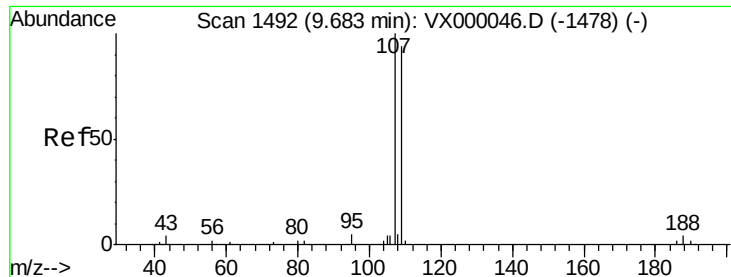
MMDadoda
2/16/2018 2:28:02 PM



#60
Dibromochloromethane
Concen: 0.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 129 Resp: 912
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.72 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion:107 Resp: 954

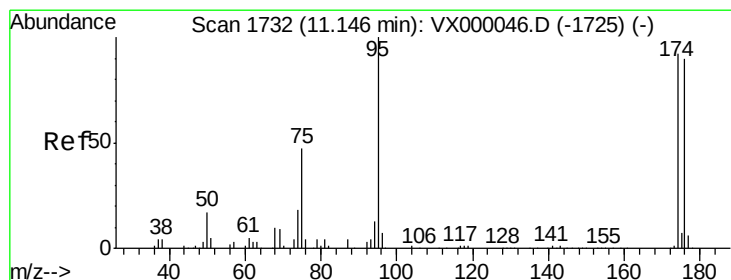
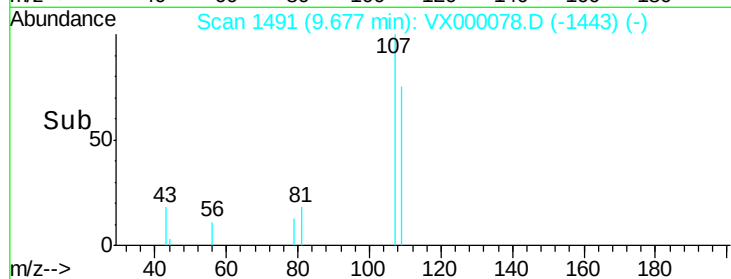
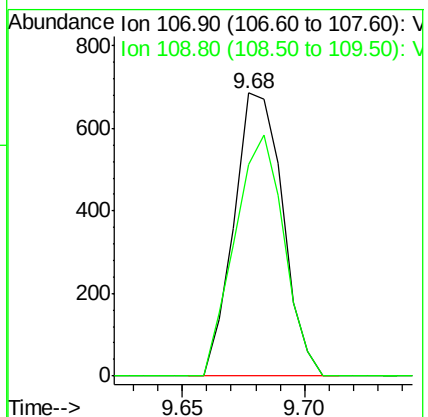
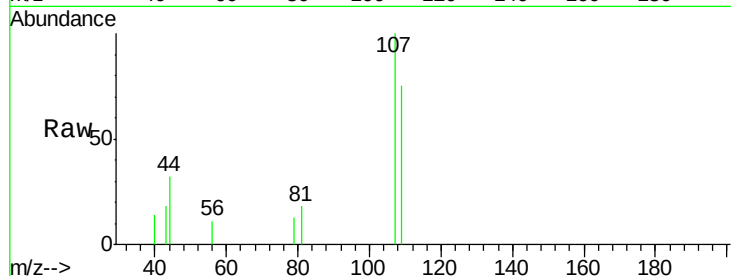
Ion Ratio Lower Upper

107 100

109 86.1 74.6 111.8

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#62

4-Bromofluorobenzene

Concen: 46.58 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

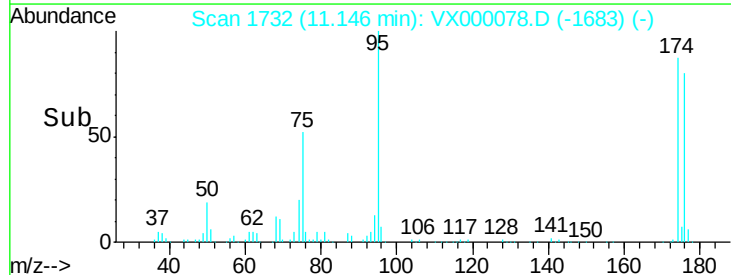
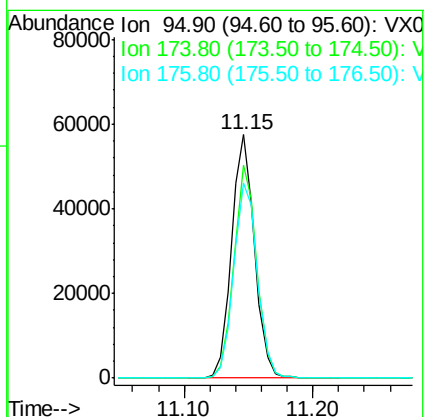
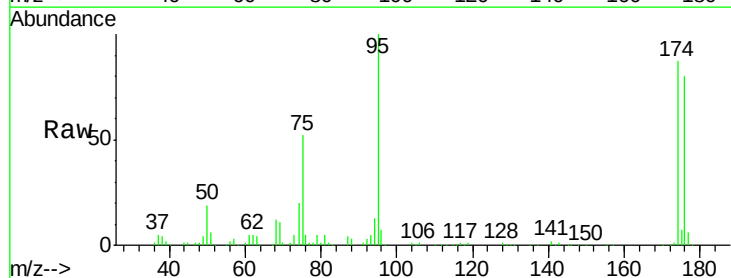
Tgt Ion: 95 Resp: 71721

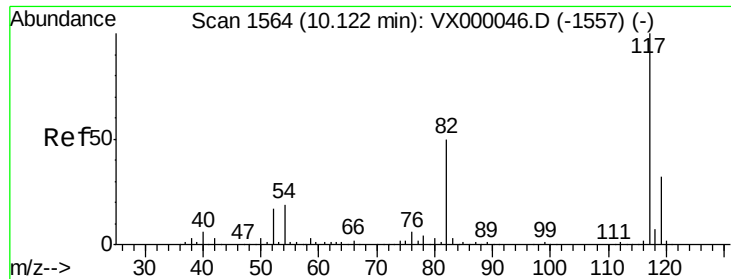
Ion Ratio Lower Upper

95 100

174 87.1 0.0 185.6

176 82.6 0.0 181.8





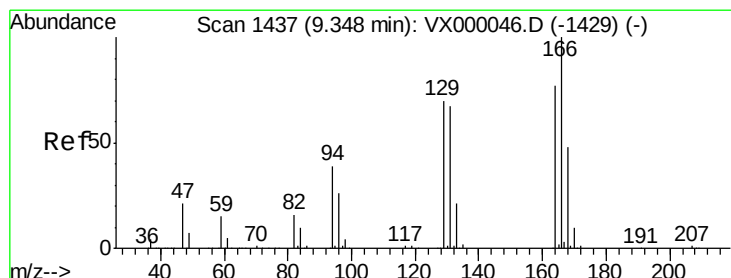
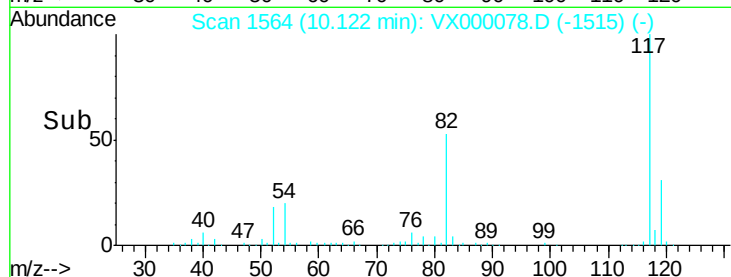
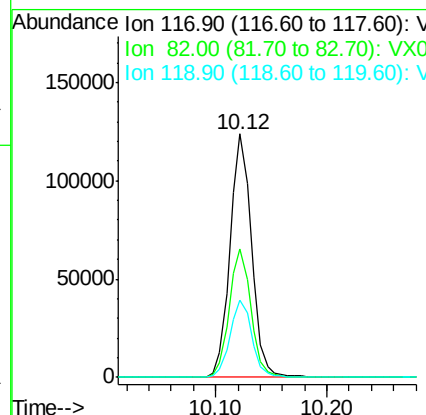
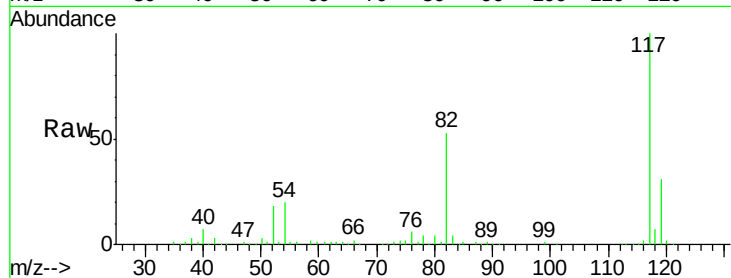
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	40.3	60.5
119	31.5	25.3	37.9

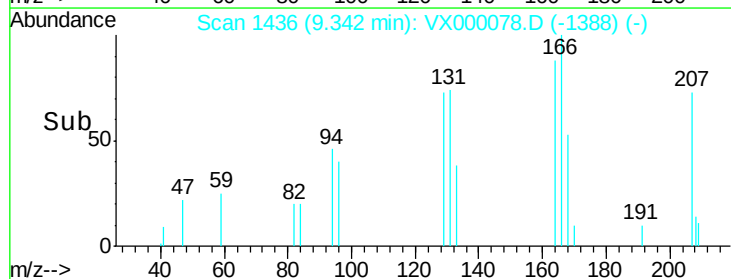
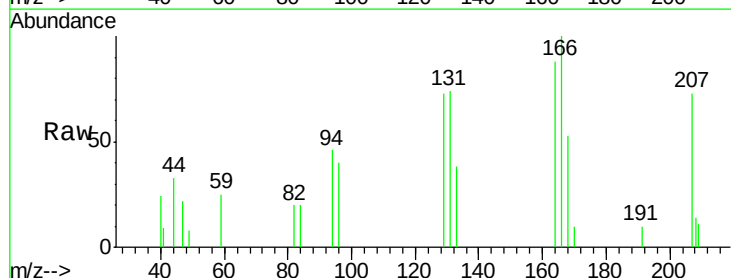
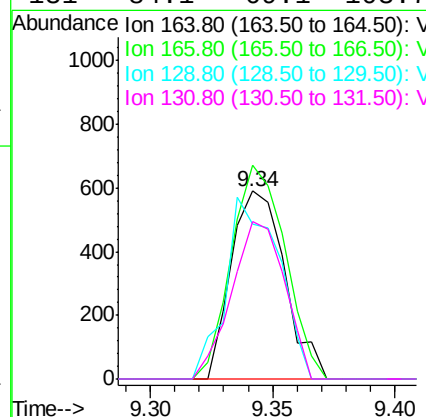
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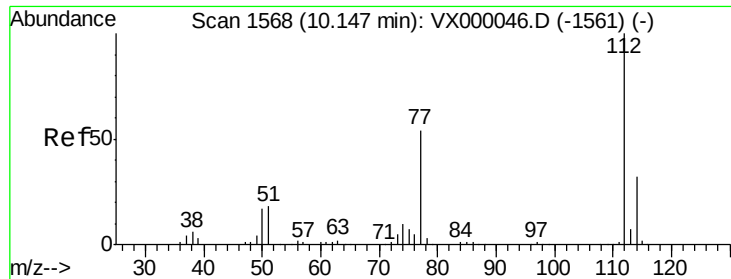
MMDadoda
2/16/2018 2:28:02 PM



#64
Tetrachloroethene
Concen: 0.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	113.7	103.7	155.5
129	82.5	72.2	108.4
131	84.1	69.1	103.7





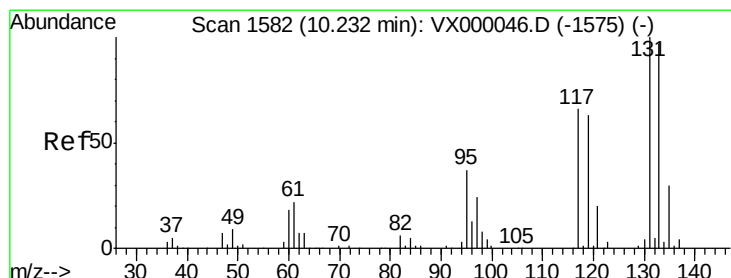
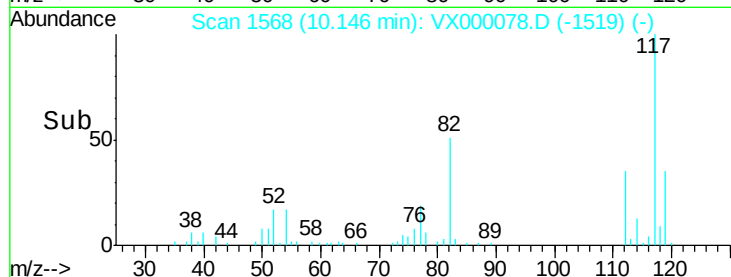
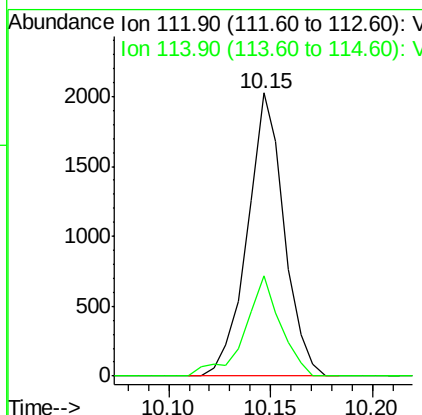
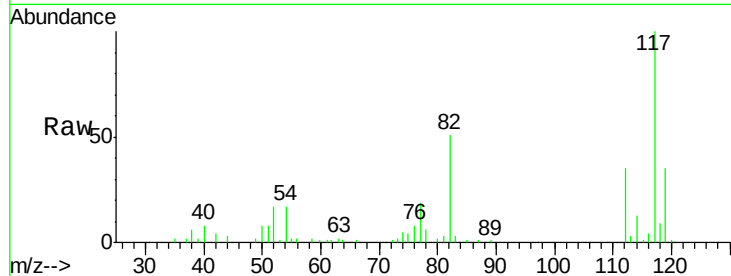
#65
Chlorobenzene
Concen: 0.73 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion:112 Resp: 2532
Ion Ratio Lower Upper
112 100
114 35.5 25.6 38.4

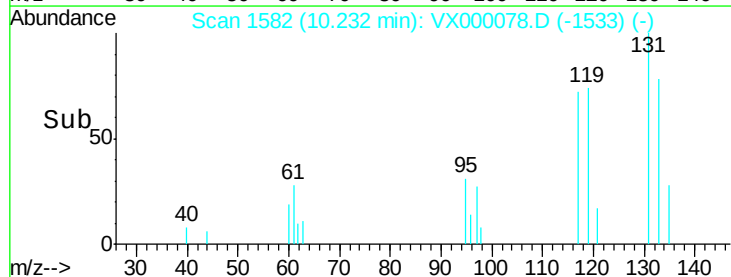
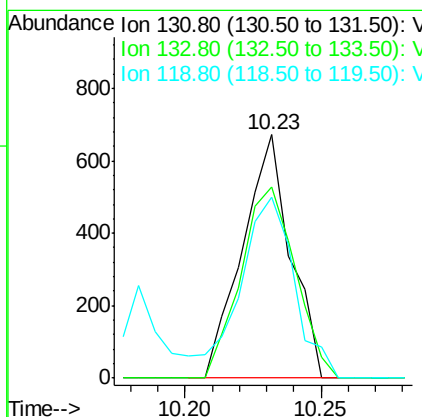
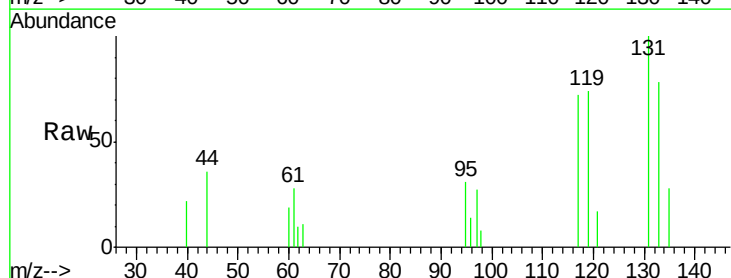
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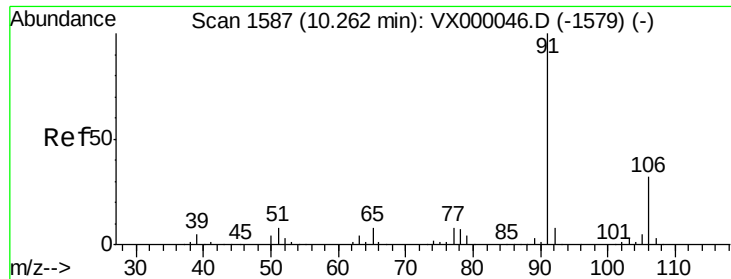
MMDadoda
2/16/2018 2:28:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.66 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion:131 Resp: 821
Ion Ratio Lower Upper
131 100
133 89.5 47.6 142.9
119 0.0 31.7 95.1#





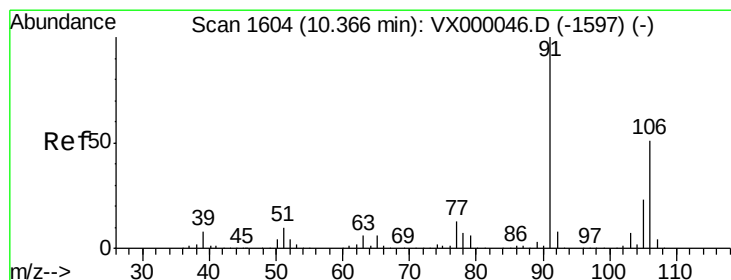
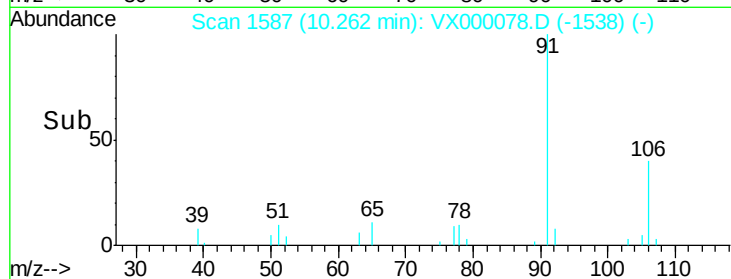
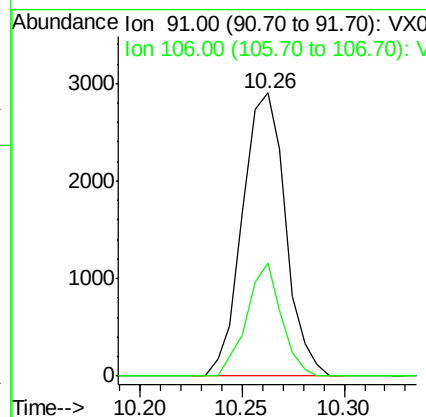
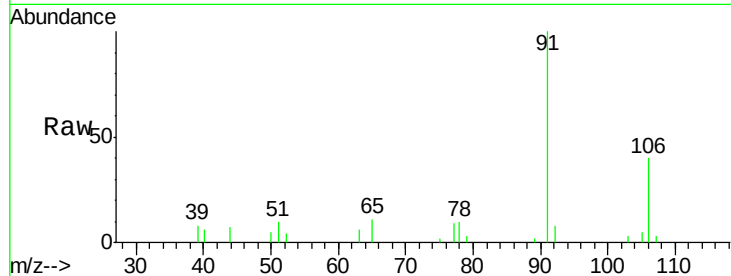
#67
Ethyl Benzene
Concen: 0.74 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
Client Sampled :
MDL06

Tot Ion: 91 Resp: 4249
Ion Ratio Lower Upper
91 100
106 39.8 25.9 38.9#

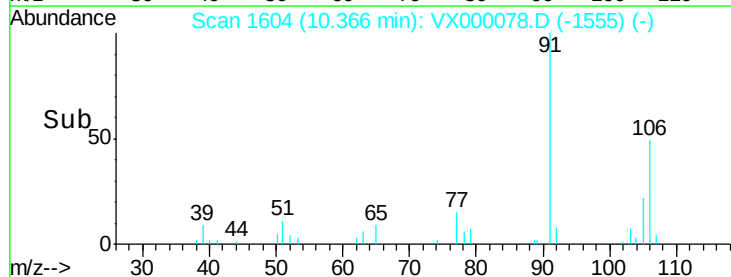
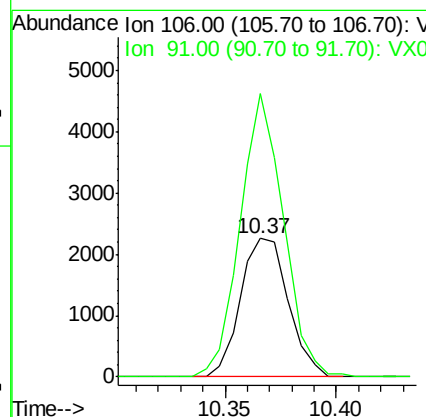
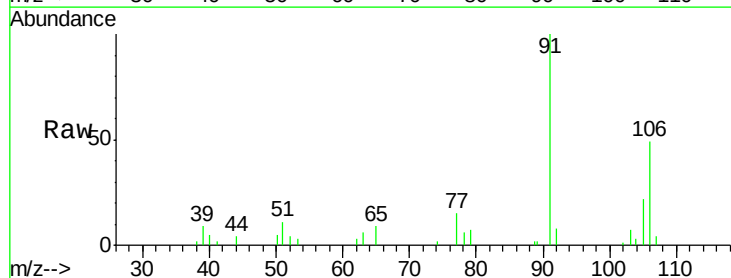
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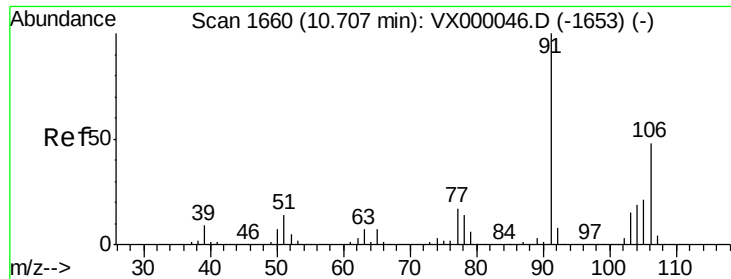
MMDadoda
2/16/2018 2:28:02 PM



#68
m/p-Xylenes
Concen: 1.48 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 106 Resp: 3381
Ion Ratio Lower Upper
106 100
91 185.7 158.3 237.5





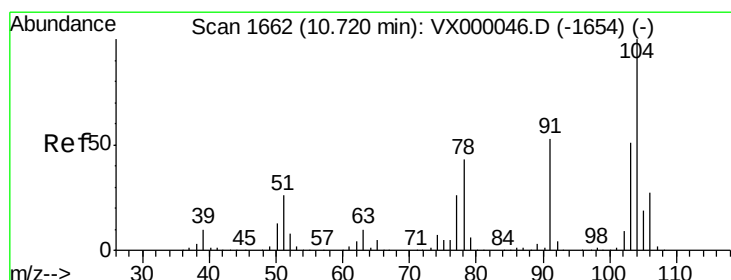
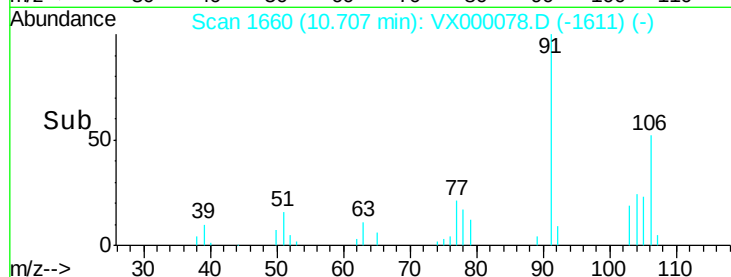
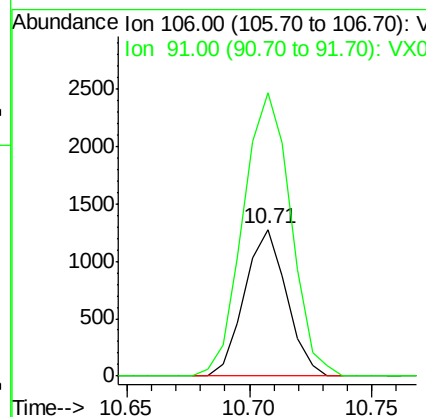
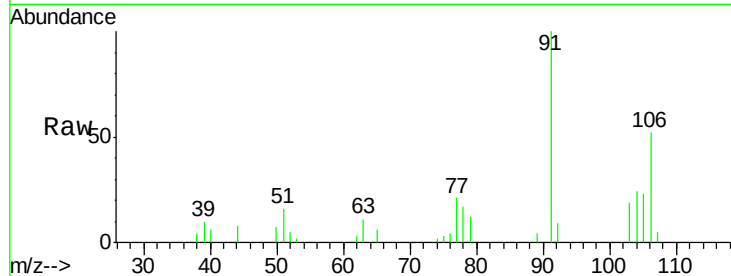
#69
o-Xylene
Concen: 0.69 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
Client Sampled :
MDL06

Tot Ion:106 Resp: 1529
Ion Ratio Lower Upper
106 100
91 218.5 104.0 312.0

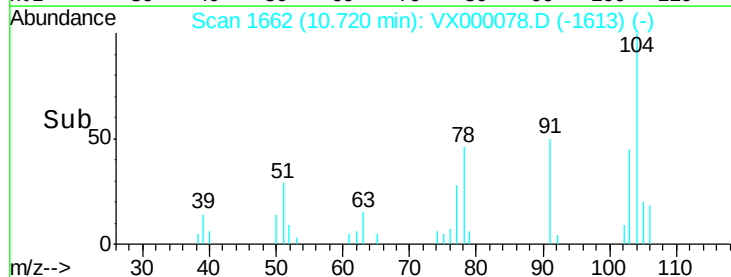
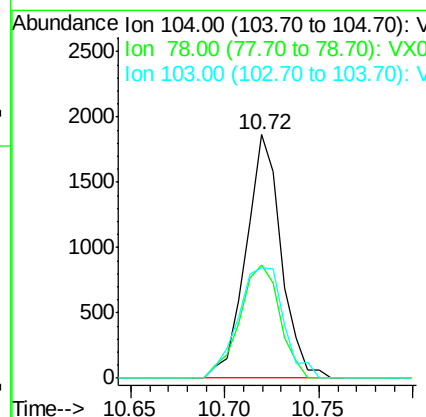
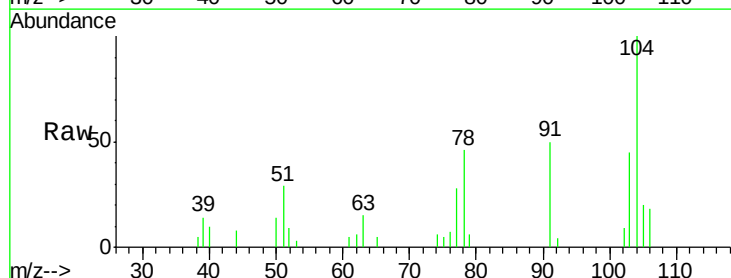
Manual Integrations
APPROVED

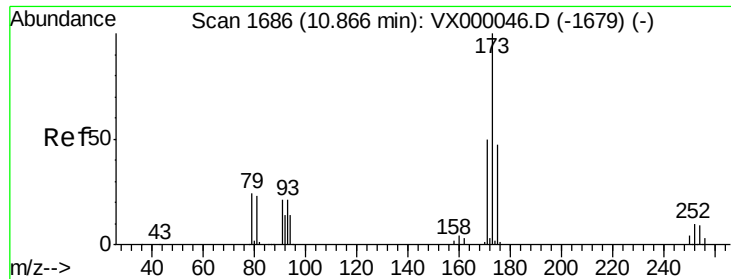
MMDadoda
2/16/2018 2:28:02 PM



#70
Styrene
Concen: 0.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion:104 Resp: 2414
Ion Ratio Lower Upper
104 100
78 52.8 37.7 56.5
103 59.2 44.0 66.0





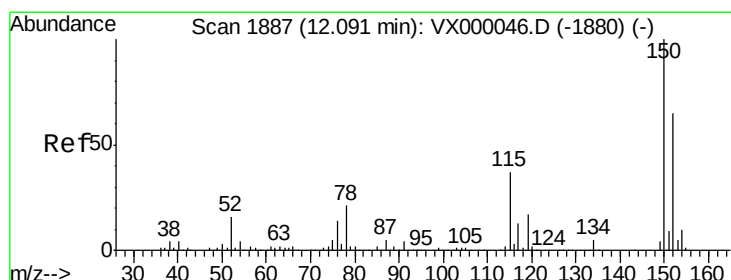
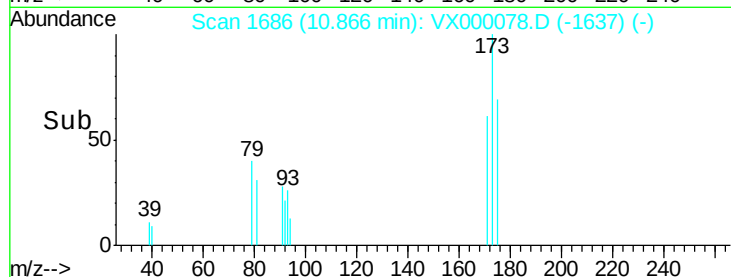
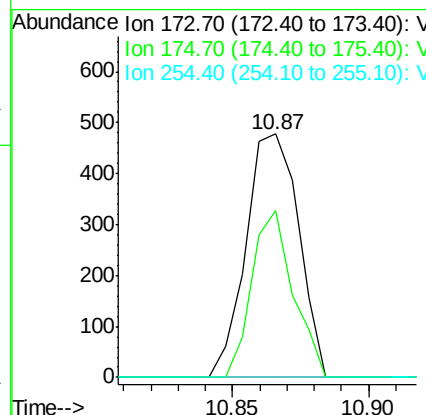
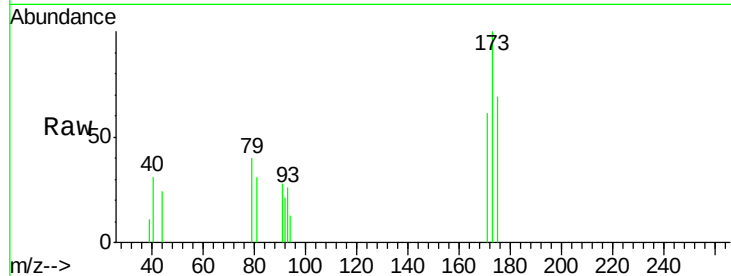
#71
Bromoform
Concen: 0.54 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
Client Sampled :
MDL06

Tot Ion:173 Resp: 639
Ion Ratio Lower Upper
173 100
175 53.8 23.9 71.8
254 0.0 0.1 0.1#

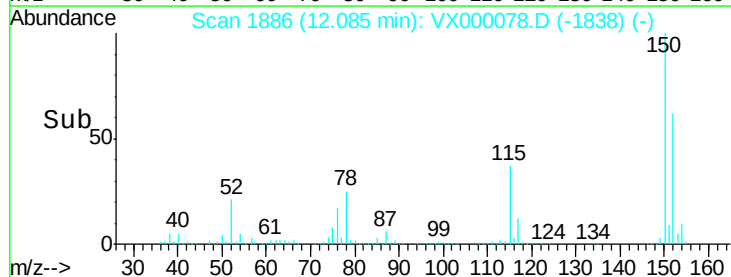
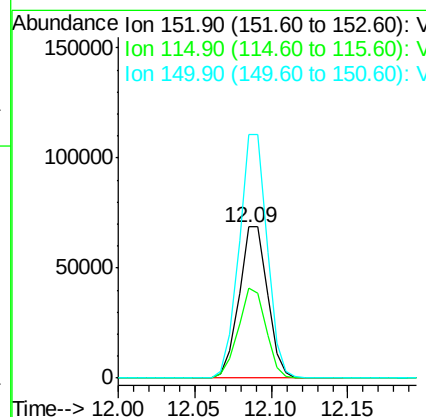
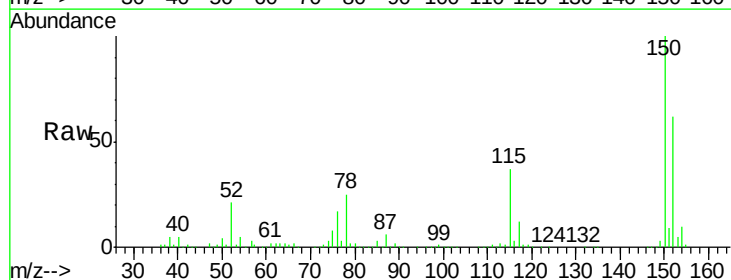
Manual Integrations
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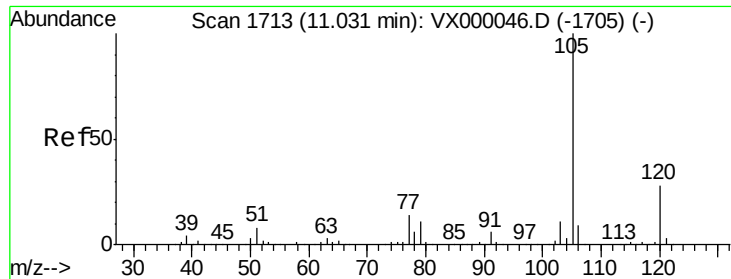
MM Dadoda
2/16/2018 2:28:02 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion:152 Resp: 88785
Ion Ratio Lower Upper
152 100
115 57.9 39.3 117.8
150 158.5 0.0 349.2





#73

Isopropylbenzene

Concen: 0.75 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion:105 Resp: 4200

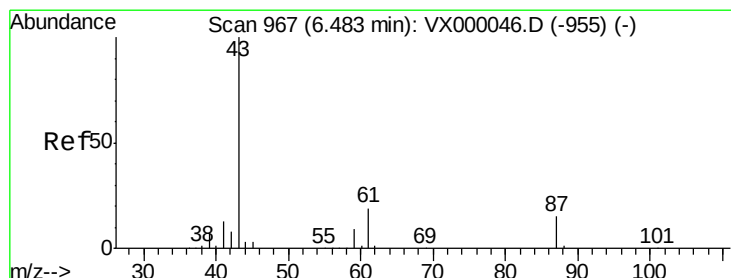
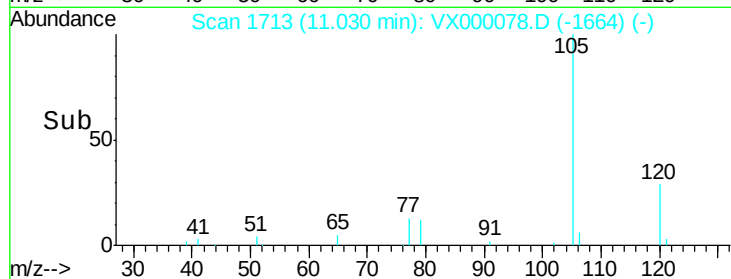
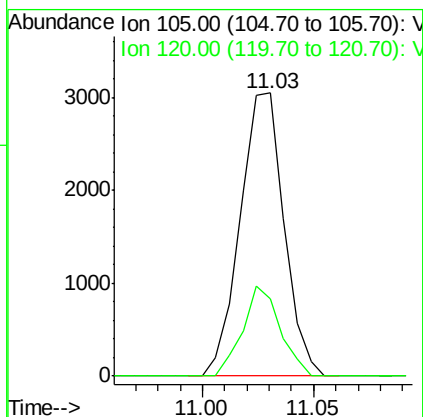
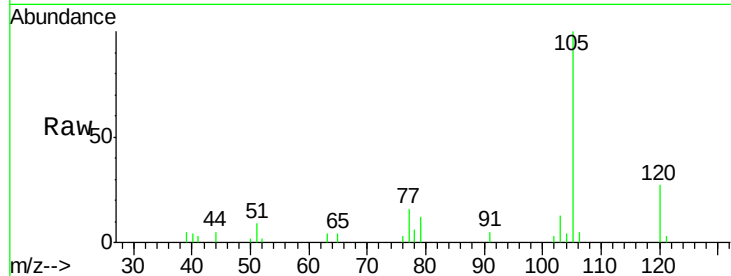
Ion Ratio Lower Upper

105 100

120 27.1 13.8 41.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 0.81 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion: 43 Resp: 2274

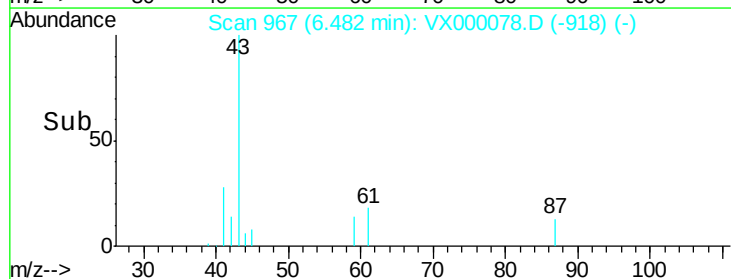
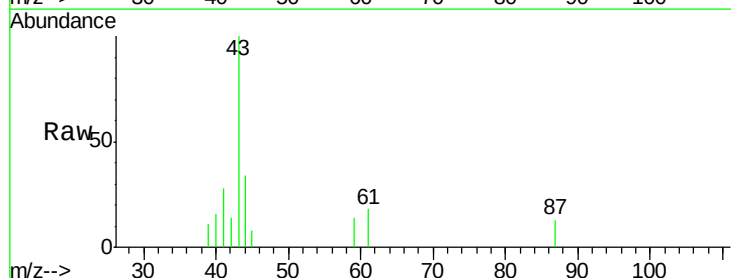
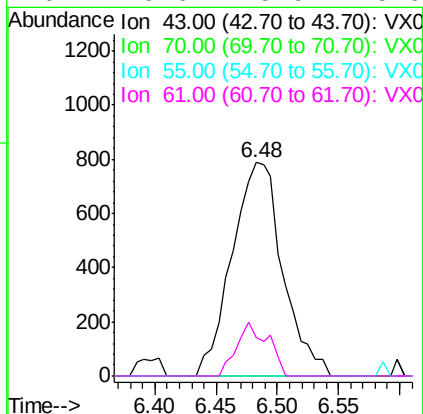
Ion Ratio Lower Upper

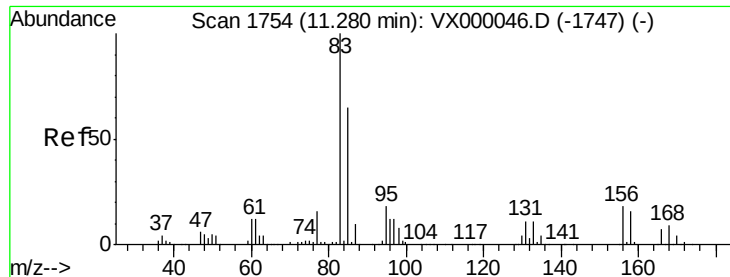
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 15.6 15.9 23.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.72 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

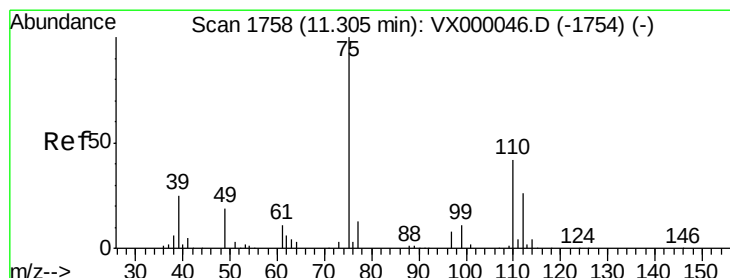
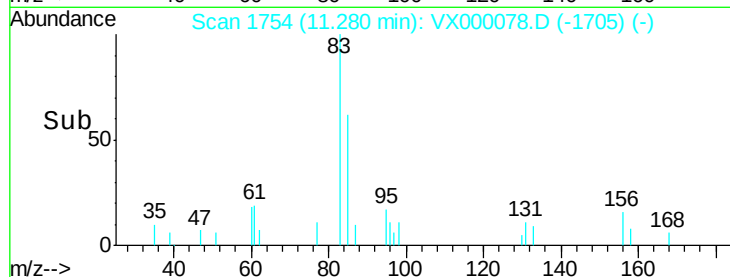
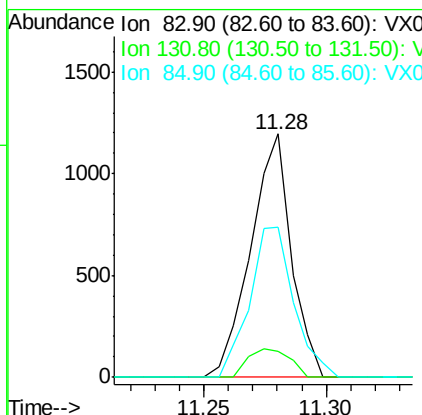
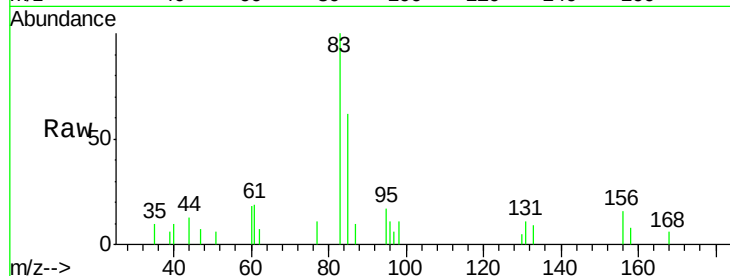
ClientSampled :

MDL06

Tot Ion	83	Resp	1384
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.5	16.7
85	67.3	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 1.07 ug/l

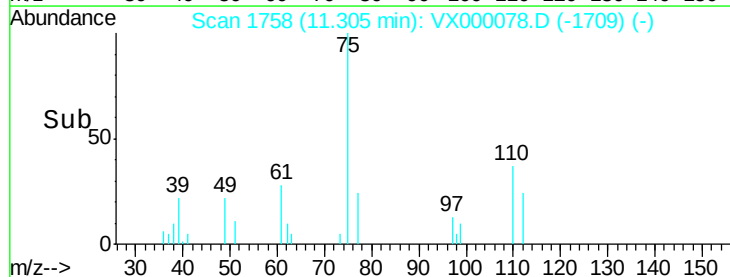
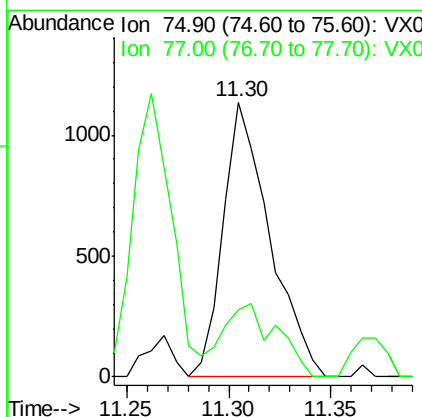
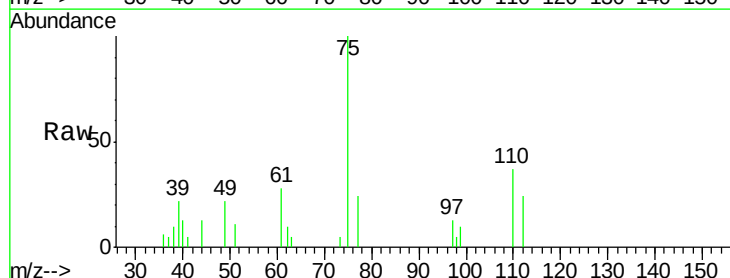
RT: 11.30 min Scan# 1758

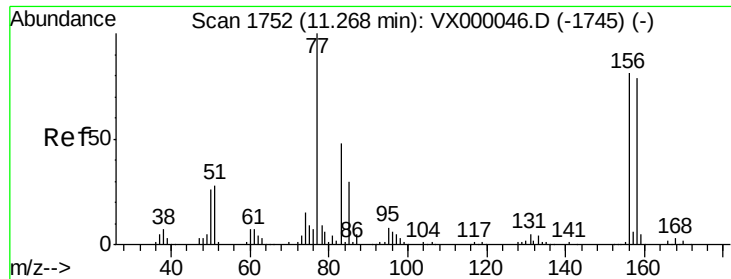
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion	75	Resp	1797
Ion	Ratio	Lower	Upper
75	100		
77	30.7	23.7	71.1





#77

Bromobenzene

Concen: 0.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

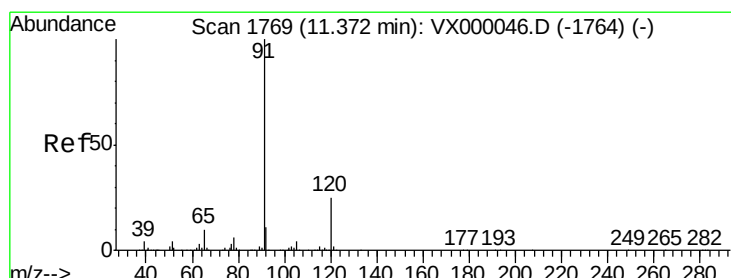
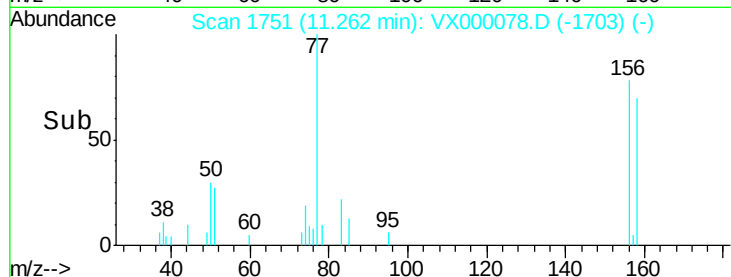
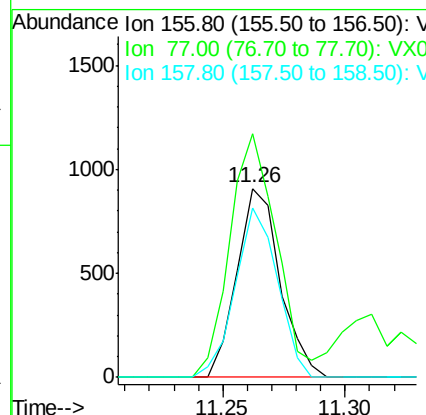
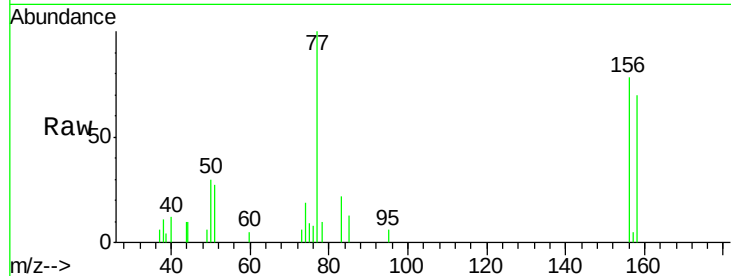
ClientSampled :

MDL06

Tot Ion	Ratio	Lower	Upper
156	100		
77	138.9	66.2	198.6
158	87.4	48.6	145.9

Manual Integrations
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2/16/2018 2:28:02 PM



#78

n-propylbenzene

Concen: 0.75 ug/l

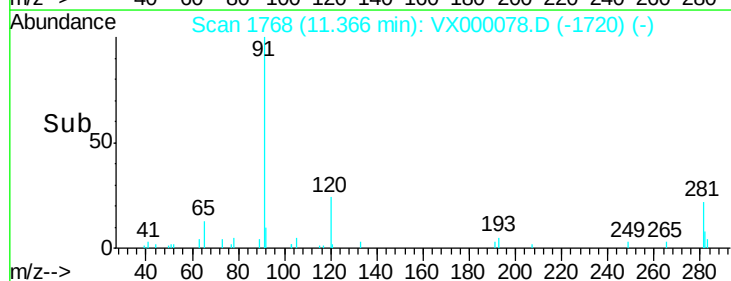
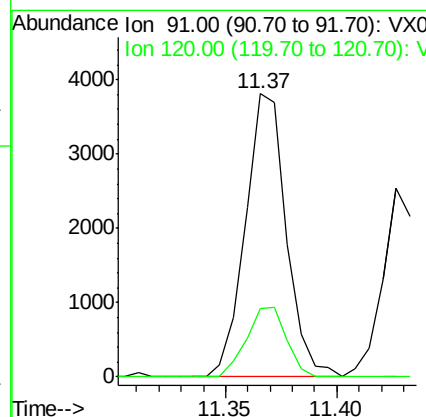
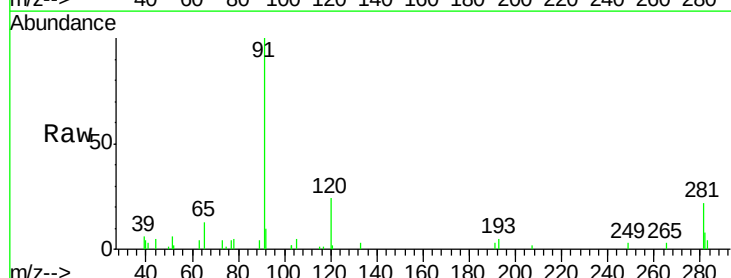
RT: 11.37 min Scan# 1768

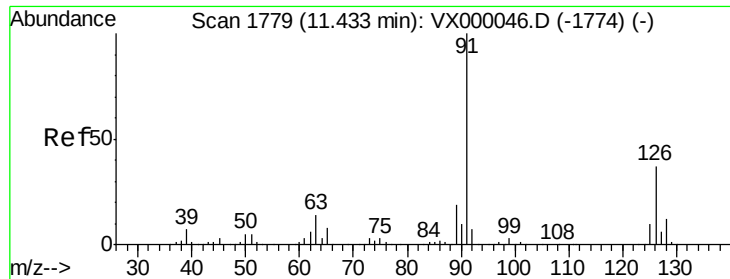
Delta R.T. -0.01 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	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: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

ClientSampled :

MDL06

Tot Ion: 91 Resp: 3039

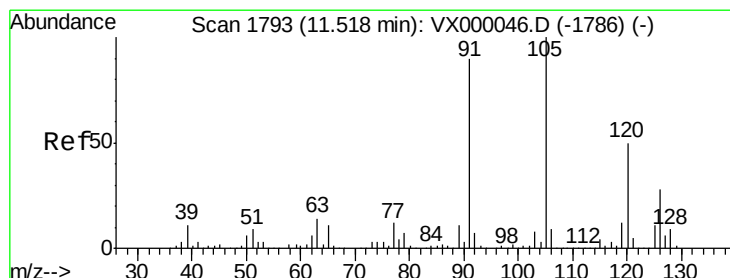
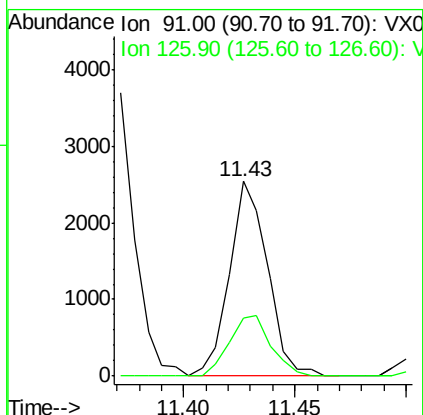
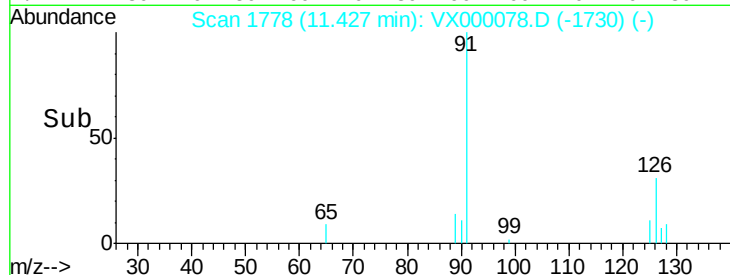
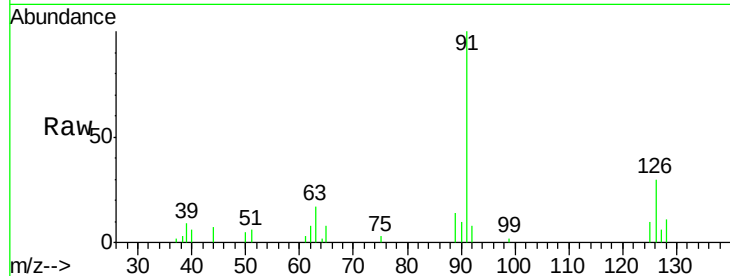
Ion Ratio Lower Upper

91 100

126 33.5 18.2 54.6

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 0.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.01 min

Lab File: VX000078.D

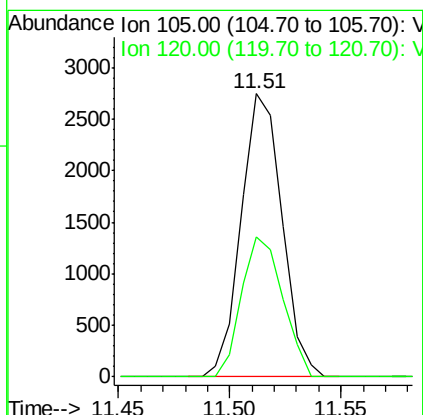
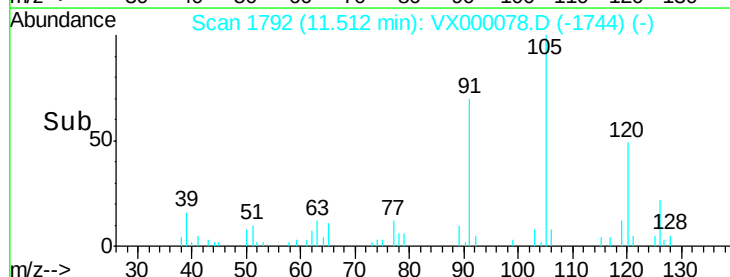
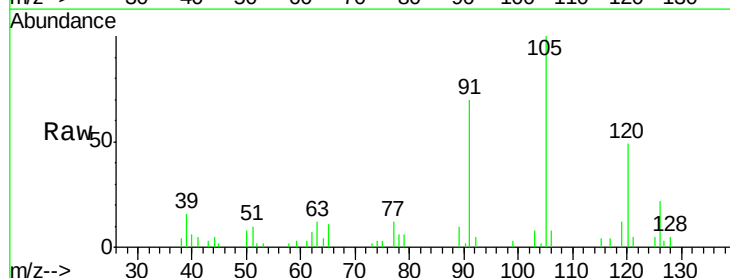
Acq: 13 Feb 2018 16:16

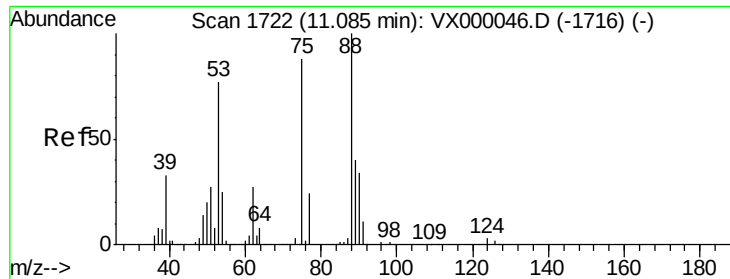
Tgt Ion: 105 Resp: 3525

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.3





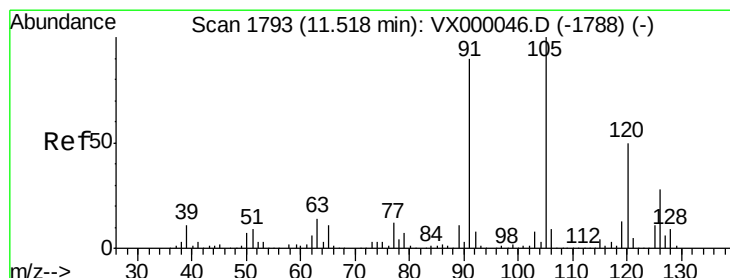
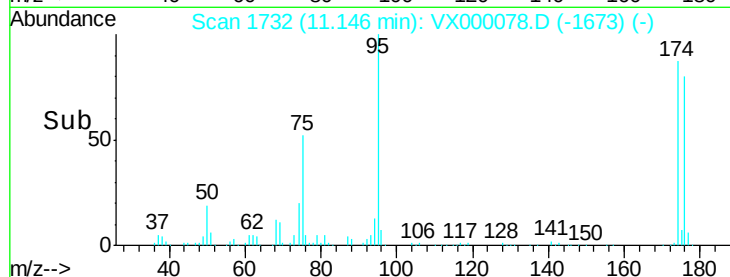
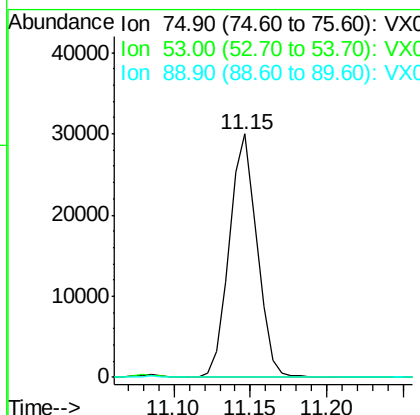
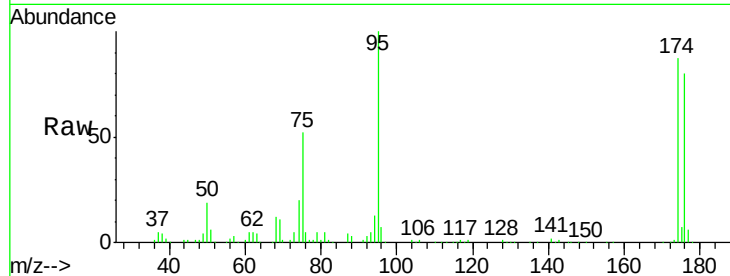
#81
trans-1,4-Dichloro-2-butene
Concen: 55.69 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.06 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion: 75 Resp: 37632
Ion Ratio Lower Upper
75 100
53 0.0 70.3 105.5#
89 0.0 48.6 72.8#

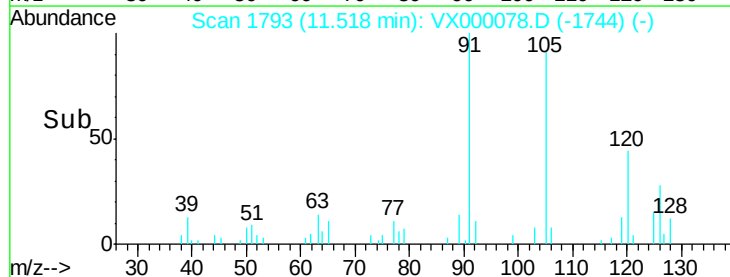
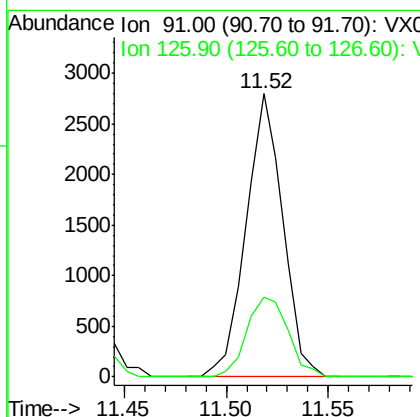
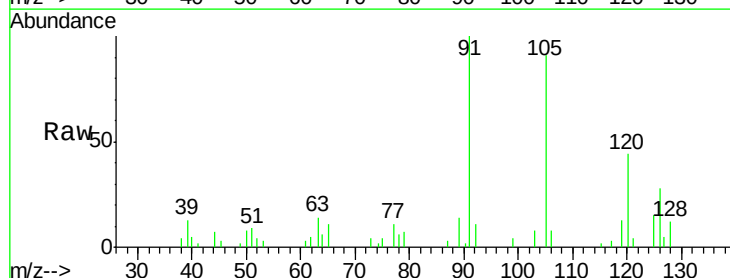
Manual Integrations
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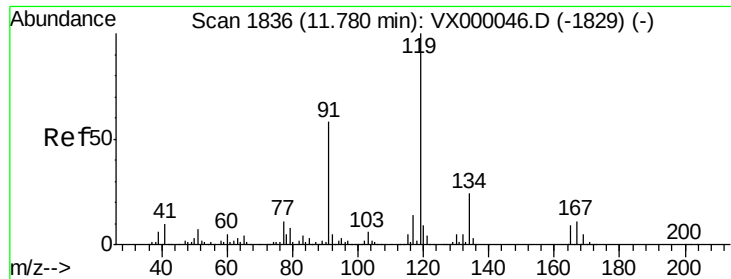
MMDadoda
2/16/2018 2:28:02 PM



#82
4-Chlorotoluene
Concen: 0.78 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion: 91 Resp: 3498
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8





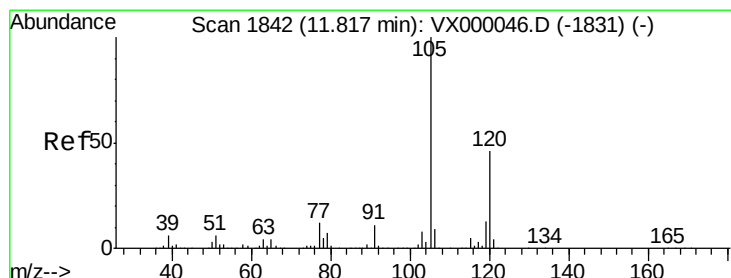
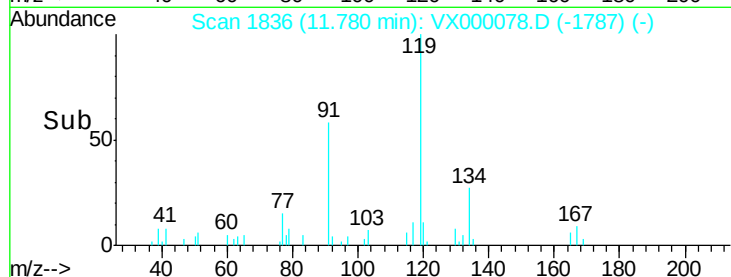
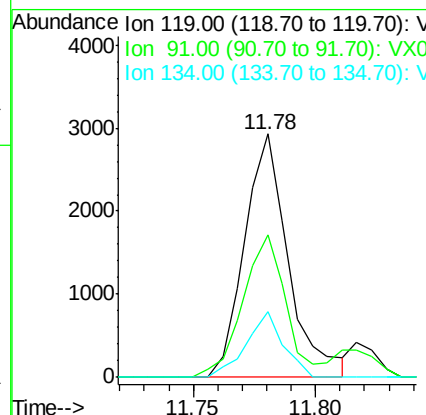
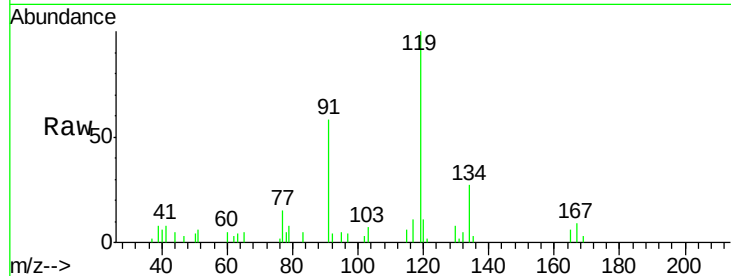
#83
 tert-Butylbenzene
 Concen: 0.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	27.9	83.7
134	22.6	11.7	35.1

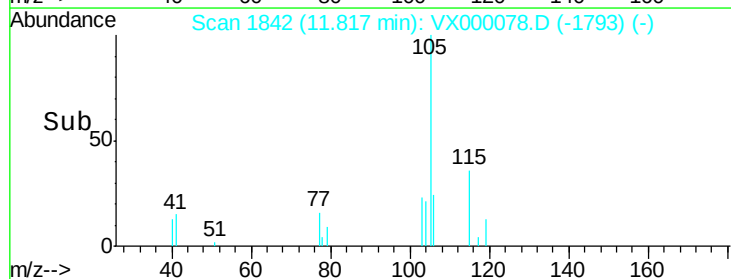
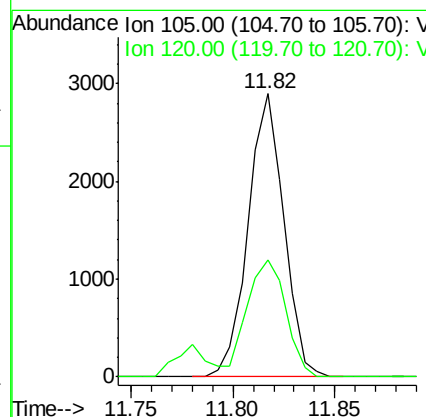
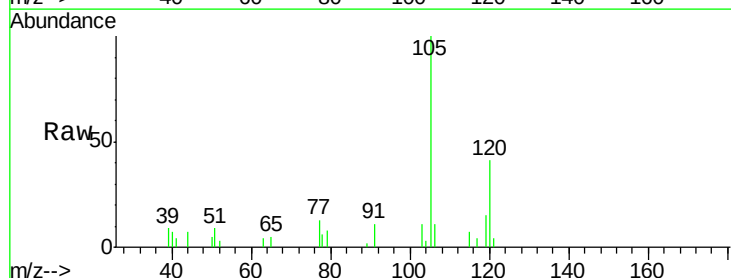
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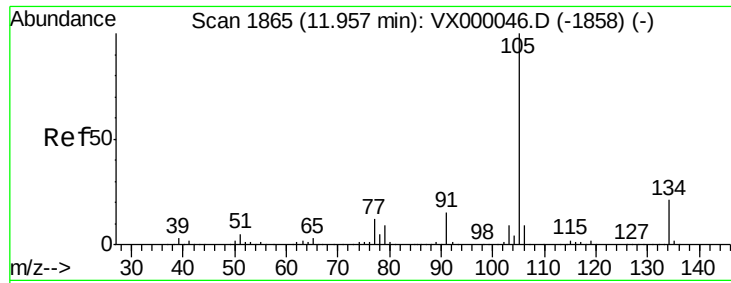
MMDadoda
 2/16/2018 2:28:02 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.73 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.4	70.2





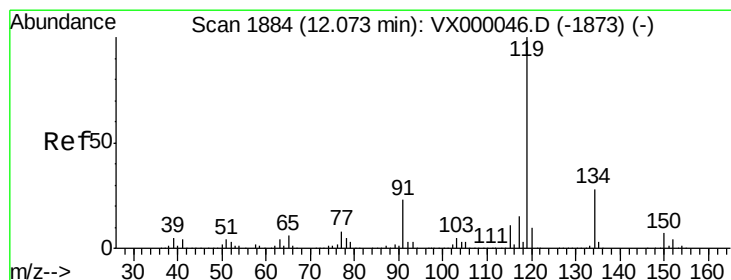
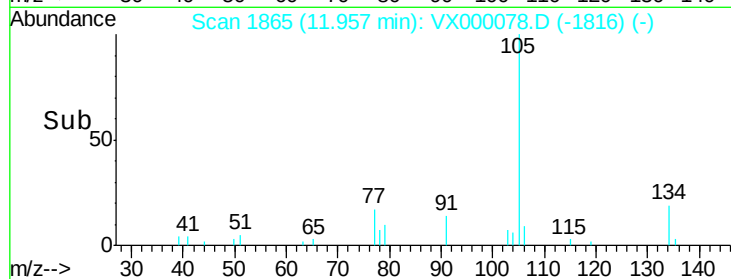
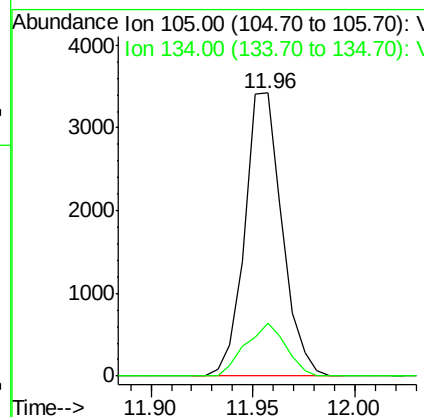
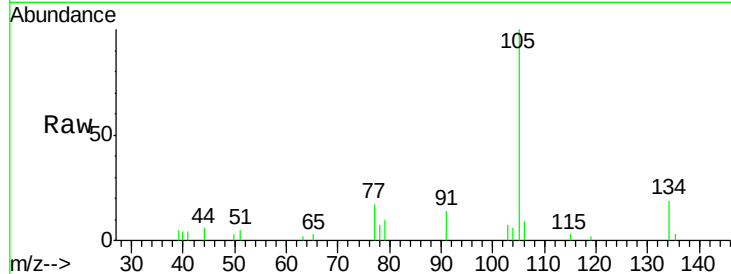
#85
 sec-Butylbenzene
 Concen: 0.74 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion:105 Resp: 4345
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.6 31.8

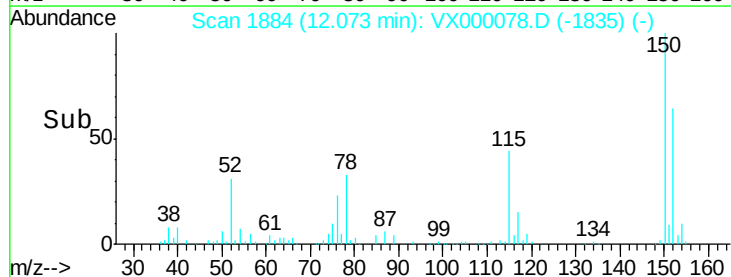
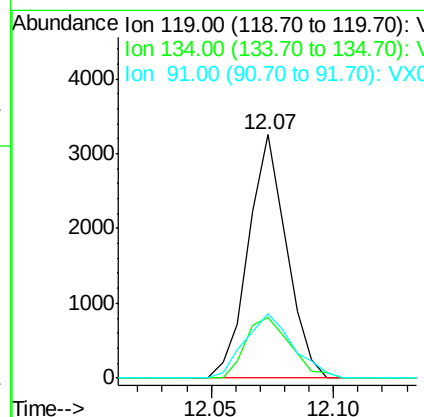
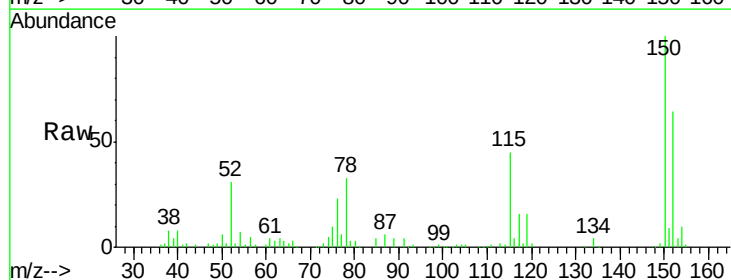
Manual Integrations
 APPROVED

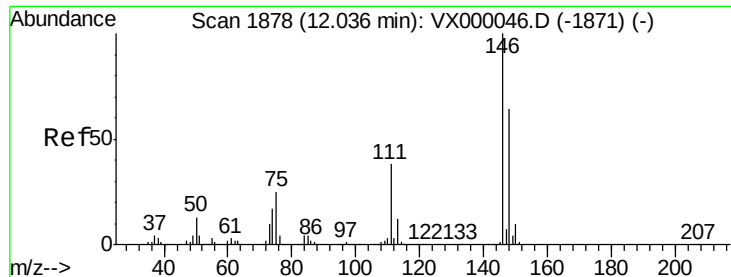
MMDadoda
 2/16/2018 2:28:02 PM



#86
 p-Isopropyltoluene
 Concen: 0.67 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion:119 Resp: 3538
 Ion Ratio Lower Upper
 119 100
 134 29.4 14.0 41.9
 91 33.3 11.6 34.7





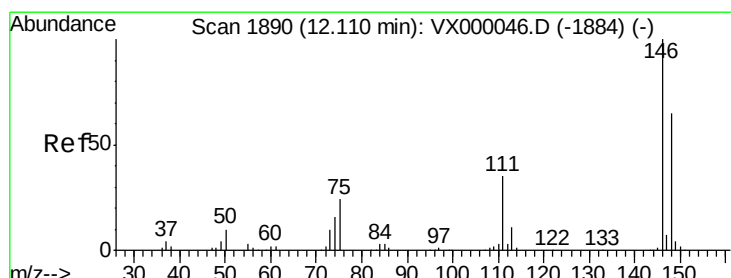
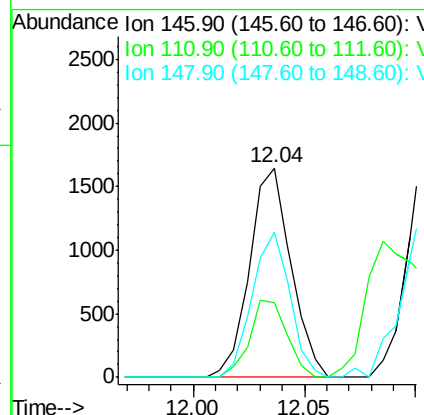
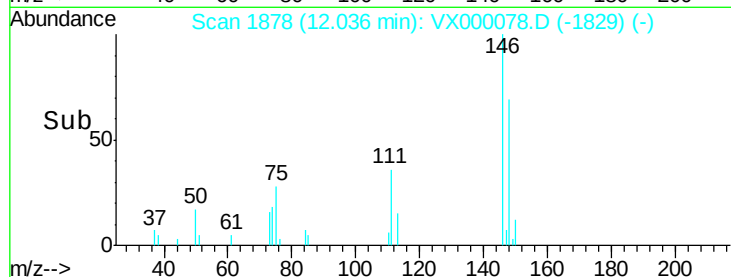
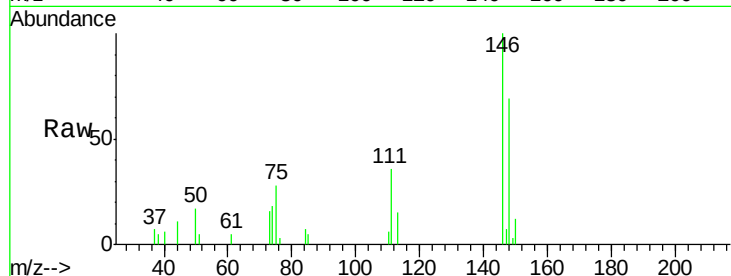
#87
 1,3-Dichlorobenzene
 Concen: 0.74 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 ClientSampled :
 MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.3	18.9	56.9
148	63.3	31.8	95.4

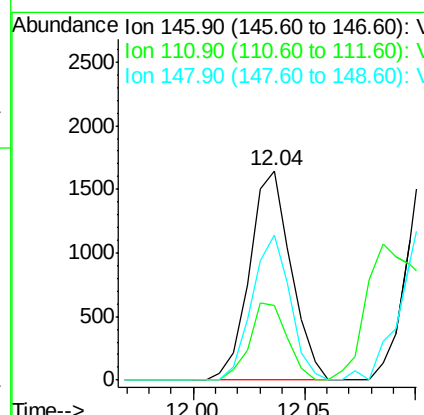
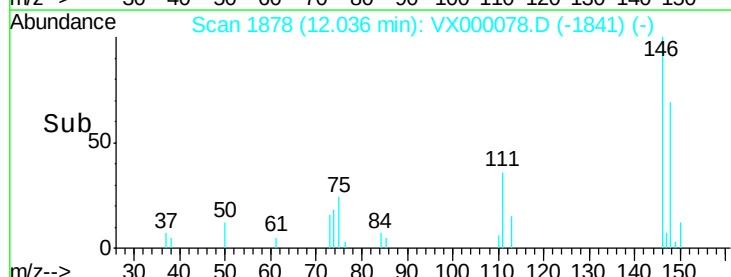
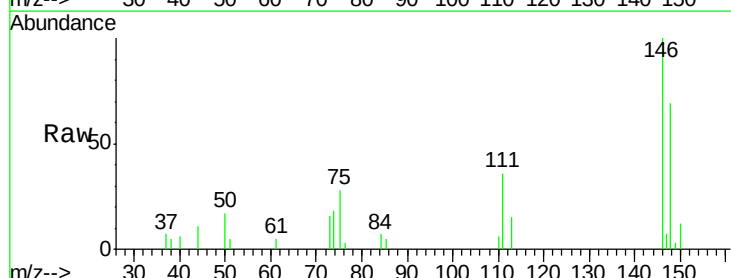
Manual Integrations
 APPROVED

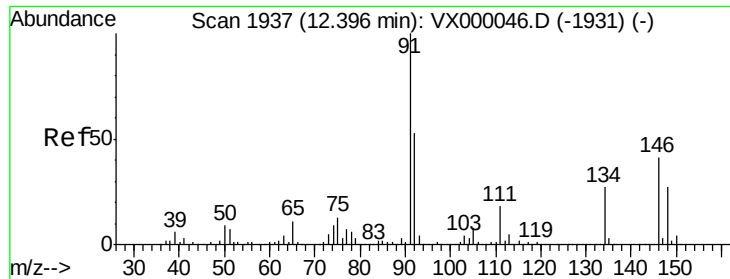
MMDadoda
 2/16/2018 2:28:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.72 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.07 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.3	18.7	56.1
148	63.3	32.1	96.5





#89

n-Butylbenzene

Concen: 0.73 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Instrument :

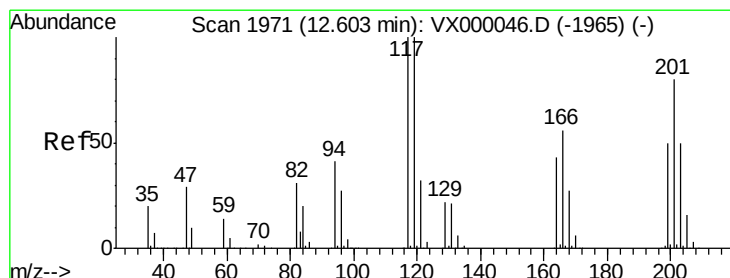
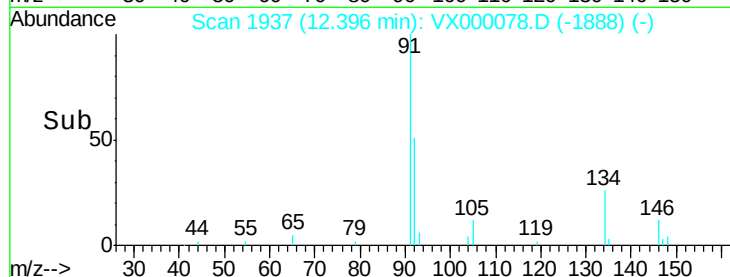
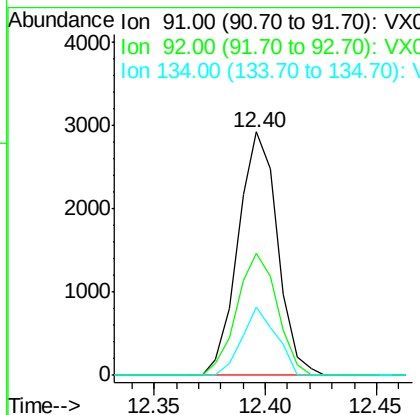
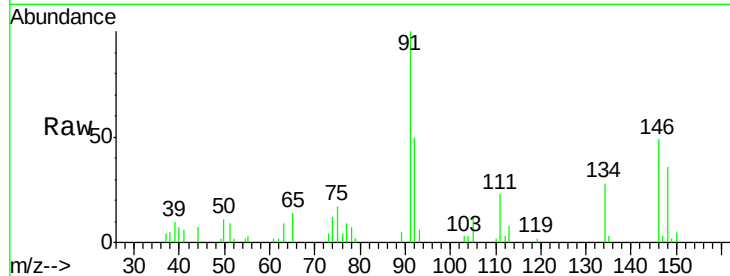
ClientSampled :

MDL06

Tot Ion:	91	Resp:	3594
Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.1	78.2
134	24.4	14.1	42.2

Manual Integrations
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#90

Hexachloroethane

Concen: 0.62 ug/l

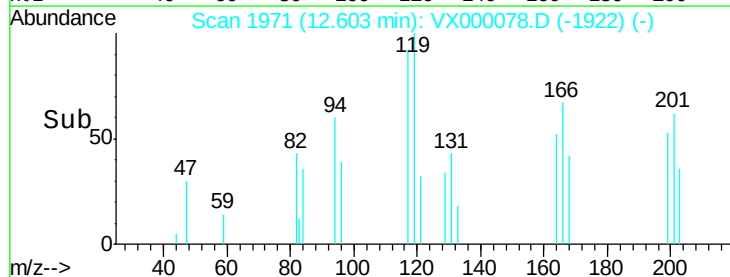
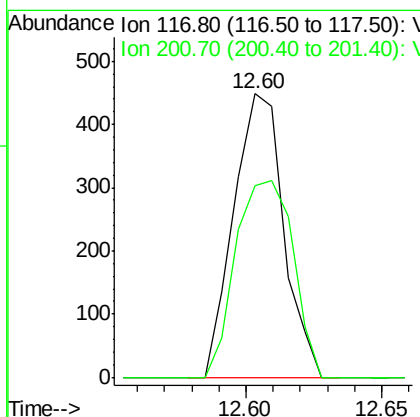
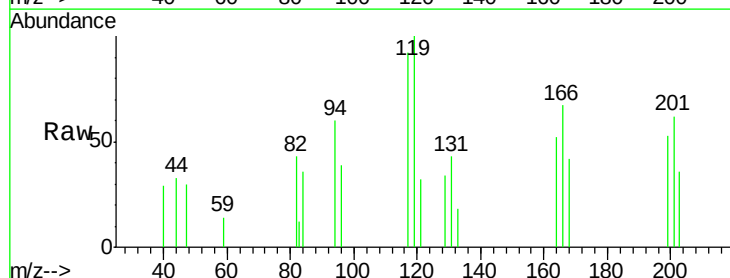
RT: 12.60 min Scan# 1971

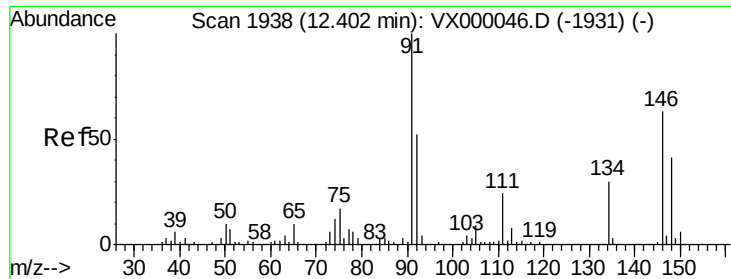
Delta R.T. -0.00 min

Lab File: VX000078.D

Acq: 13 Feb 2018 16:16

Tgt Ion:	117	Resp:	571
Ion	Ratio	Lower	Upper
117	100		
201	79.9	43.5	130.7





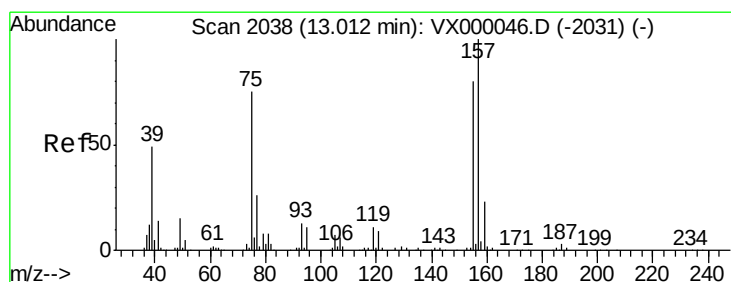
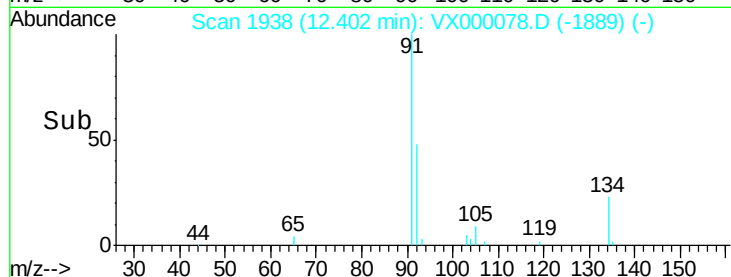
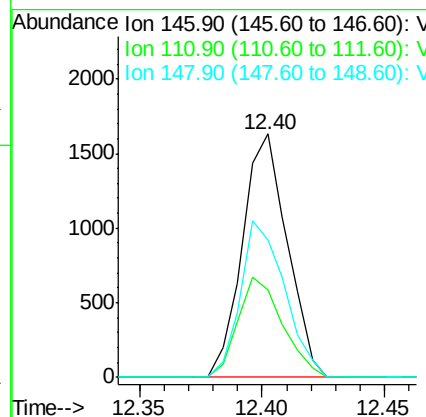
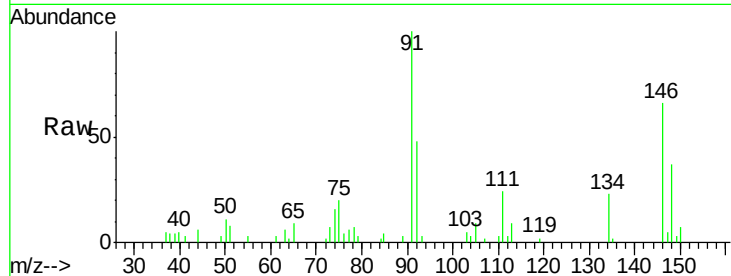
#91
1,2-Dichlorobenzene
Concen: 0.74 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.4	58.2
148	63.1	32.0	96.2

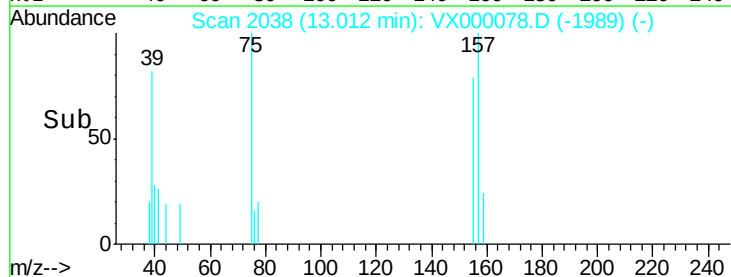
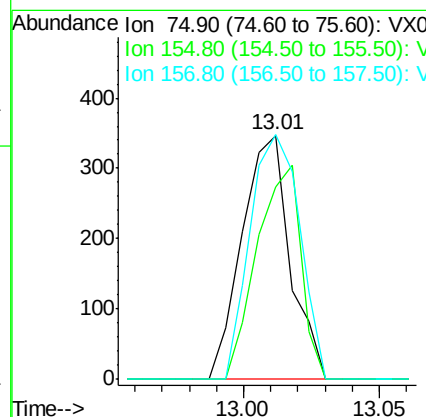
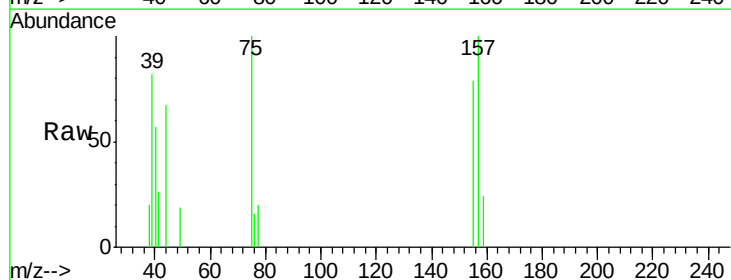
Manual Integrations
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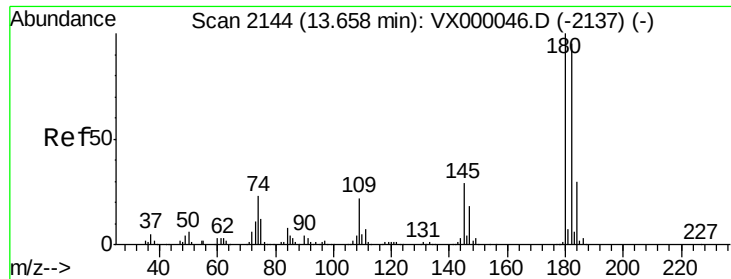
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.77 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	52.0	156.0
157	103.8	65.3	195.9





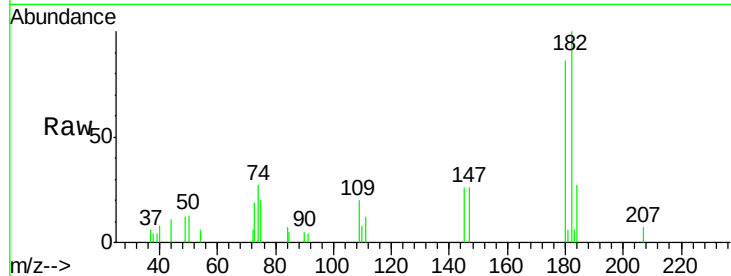
#93
 1,2,4-Trichlorobenzene
 Concen: 0.72 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

Instrument :
 Client Sampled :
 MDL06

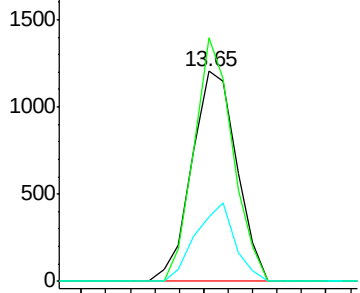
Tot Ion	Ratio	Lower	Upper
180	100		
182	100.1	48.0	144.0
145	32.6	14.7	44.1

Manual Integrations
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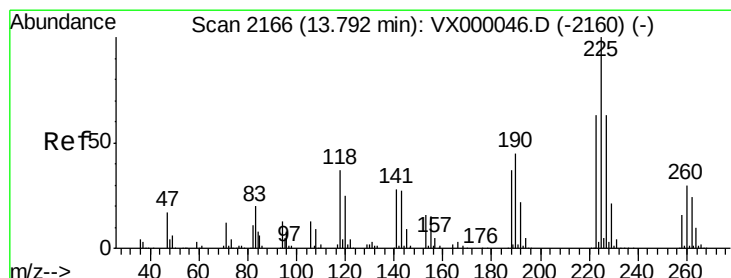
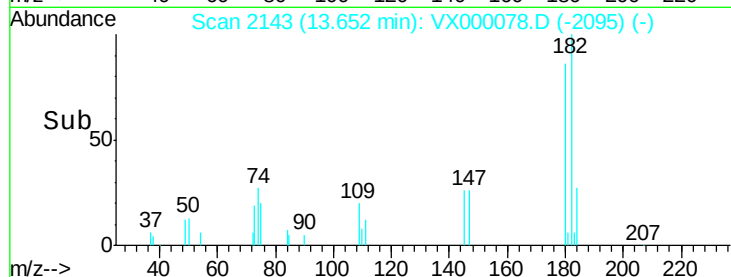
MMDadoda
 2/16/2018 2:28:02 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

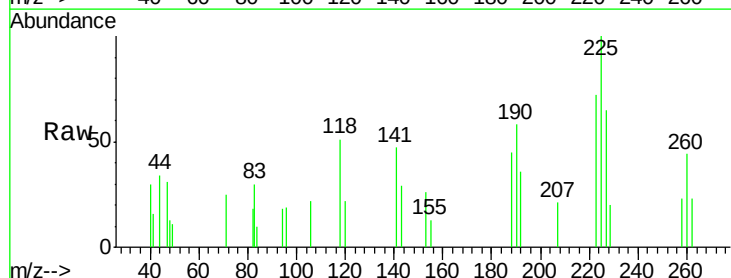


Time--> 13.60 13.65 13.70

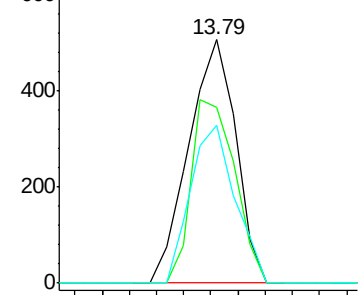


#94
 Hexachlorobutadiene
 Concen: 0.60 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000078.D
 Acq: 13 Feb 2018 16:16

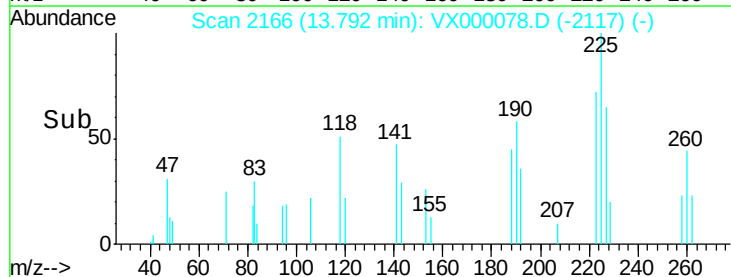
Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.8	31.9	95.5
227	61.6	31.6	95.0

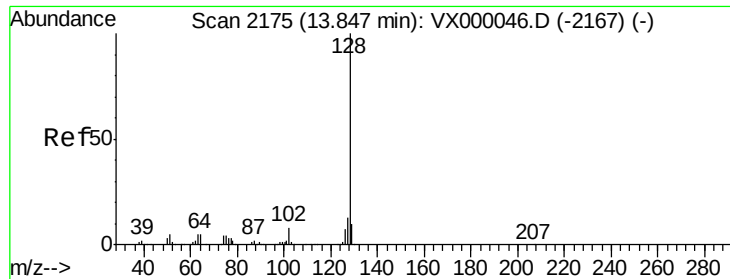


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time--> 13.75 13.80





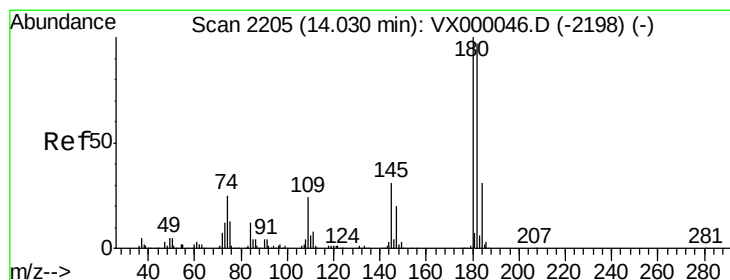
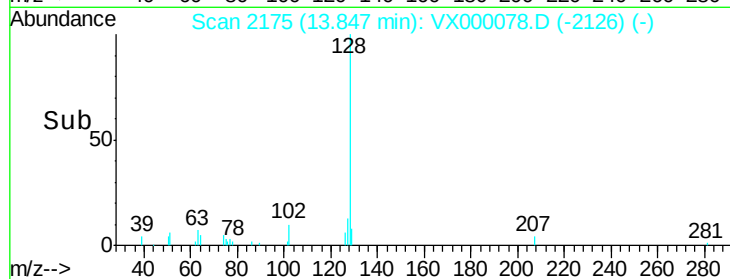
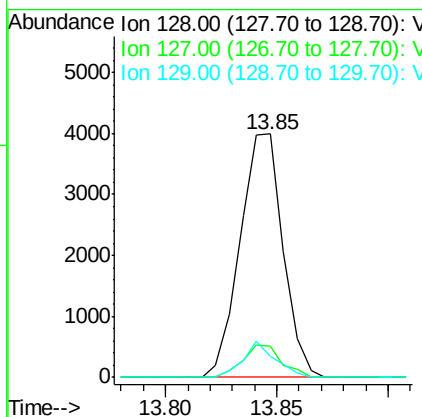
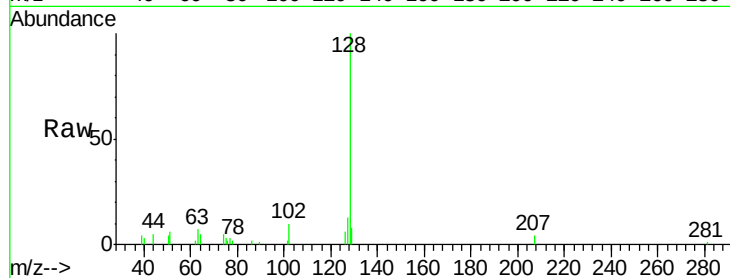
#95
Naphthalene
Concen: 0.77 ug/l
RT: 13.85 min Scan# 2175
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Instrument :
ClientSampled :
MDL06

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.3	15.5
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.76 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000078.D
Acq: 13 Feb 2018 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.1	47.9	143.7
145	30.7	15.7	47.0

