

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000080.D
 Acq On : 13 Feb 2018 17:20
 Operator : JC/MD
 Sample : MDL05 2.00PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:04 PM

Quant Time: Feb 14 03:32:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	101960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	162221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	86877	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	61036	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	5.51	113	49572	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.73	98	186092	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.15	95	73502	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	2052	2.22	ug/l	95
3) Chloromethane	1.33	50	2088	2.22	ug/l	97
4) Vinyl Chloride	1.41	62	2428	2.29	ug/l	99
5) Bromomethane	1.65	94	2353	4.15	ug/l	98
6) Chloroethane	1.73	64	2319	3.64	ug/l	97
7) Trichlorofluoromethane	1.94	101	4117	2.23	ug/l	95
8) Diethyl Ether	2.20	74	1460	2.18	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2258	2.16	ug/l	94
10) Methyl Iodide	2.52	142	1794	3.06	ug/l	98
11) Tert butyl alcohol	3.07	59	5643	13.24	ug/l	95
12) 1,1-Dichloroethene	2.38	96	2125	2.15	ug/l	85
13) Acrolein	2.30	56	2720	12.43	ug/l	97
14) Allyl chloride	2.73	41	4313	2.50	ug/l	92
15) Acrylonitrile	3.16	53	8829	11.89	ug/l	96
16) Acetone	2.45	43	8752	13.88	ug/l	98
17) Carbon Disulfide	2.58	76	6094	2.11	ug/l	98
18) Methyl Acetate	2.79	43	4667	2.93	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	7659	2.26	ug/l #	89
20) Methylene Chloride	2.86	84	2541	2.41	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	2145	2.01	ug/l	88
22) Diisopropyl ether	3.89	45	6037	2.12	ug/l	91
23) Vinyl Acetate	3.84	43	29643	11.52	ug/l #	94
24) 1,1-Dichloroethane	3.71	63	4156	2.35	ug/l #	93
25) 2-Butanone	4.73	43	12018	12.63	ug/l	97
26) 2,2-Dichloropropane	4.60	77	3267	2.15	ug/l #	68
27) cis-1,2-Dichloroethene	4.61	96	2206	2.11	ug/l	93
29) Tetrahydrofuran	5.18	42	7972	12.22	ug/l	97
30) Chloroform	5.23	83	3853	2.16	ug/l	99
31) Cyclohexane	5.59	56	3118	2.15	ug/l	85
32) 1,1,1-Trichloroethane	5.51	97	3526	2.10	ug/l	95
36) 1,1-Dichloropropene	5.81	75	3016	2.03	ug/l	94
37) Ethyl Acetate	4.88	43	4226	2.21	ug/l	95
38) Carbon Tetrachloride	5.80	117	3355	2.01	ug/l #	83
39) Methylcyclohexane	7.48	83	3289	1.83	ug/l	93

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Manual Integrations
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MMDadoda
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Quant Time: Feb 14 03:32:49 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)
40) Benzene	6.15	78	8592	2.05	ug/l	98
41) Methacrylonitrile	5.07	41	2262	2.30	ug/l	94
42) 1,2-Dichloroethane	6.21	62	3058	2.04	ug/l	100
43) Isopropyl Acetate	6.48	43	6103	2.11	ug/l	97
44) Trichloroethene	7.22	130	2554	1.97	ug/l	100
45) 1,2-Dichloropropane	7.53	63	2225	2.18	ug/l	95
46) Dibromomethane	7.68	93	1689	2.15	ug/l	87
47) Bromodichloromethane	7.90	83	3109	2.03	ug/l #	85
48) Methyl methacrylate	7.79	41	2943	2.07	ug/l	89
49) 1,4-Dioxane	7.78	88	1411	37.35	ug/l #	93
51) 4-Methyl-2-Pentanone	8.66	43	20934	10.40	ug/l	96
52) Toluene	8.79	92	5708	2.03	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	3320	1.85	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	3167	1.82	ug/l #	87
55) 1,1,2-Trichloroethane	9.23	97	2299	1.95	ug/l	91
56) Ethyl methacrylate	9.19	69	3356	1.85	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	3845	2.09	ug/l	99
59) 2-Hexanone	9.51	43	17449	10.66	ug/l	97
60) Dibromochloromethane	9.59	129	2306	1.70	ug/l	98
61) 1,2-Dibromoethane	9.68	107	2539	1.95	ug/l	99
64) Tetrachloroethene	9.34	164	2232	1.85	ug/l	94
65) Chlorobenzene	10.15	112	6679	1.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	2119	1.75	ug/l	88
67) Ethyl Benzene	10.26	91	10860	1.94	ug/l	98
68) m/p-Xylenes	10.37	106	8211	3.69	ug/l	95
69) o-Xylene	10.71	106	4160	1.94	ug/l	97
70) Styrene	10.72	104	6501	1.79	ug/l	95
71) Bromoform	10.87	173	1800	1.57	ug/l #	98
73) Isopropylbenzene	11.02	105	11184	2.03	ug/l	99
74) N-amyl acetate	6.48	43	6103	2.21	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	3866	2.06	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	4663	2.85	ug/l	81
77) Bromobenzene	11.26	156	2959	1.98	ug/l	93
78) n-propylbenzene	11.37	91	12877	2.01	ug/l	100
79) 2-Chlorotoluene	11.43	91	7861	2.13	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	8905	1.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	1024m	1.55	ug/l	
82) 4-Chlorotoluene	11.52	91	9338	2.11	ug/l	99
83) tert-Butylbenzene	11.78	119	9127	1.96	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	9501	2.01	ug/l	98
85) sec-Butylbenzene	11.96	105	11492	2.00	ug/l	94
86) p-Isopropyltoluene	12.07	119	10050	1.95	ug/l	95
87) 1,3-Dichlorobenzene	12.04	146	5563	1.97	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	5835m	2.02	ug/l	
89) n-Butylbenzene	12.40	91	9435	1.96	ug/l	99
90) Hexachloroethane	12.60	117	1623	1.80	ug/l	86
91) 1,2-Dichlorobenzene	12.40	146	5522	2.00	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1059	1.97	ug/l	96
93) 1,2,4-Trichlorobenzene	13.66	180	4006	1.90	ug/l	95
94) Hexachlorobutadiene	13.79	225	1887	1.90	ug/l	95

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MDL05 2.00PPB

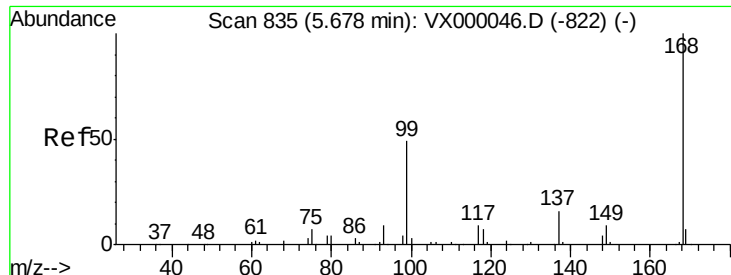
Manual Integrations
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Quant Time: Feb 14 03:32:49 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.84	128	14102	2.06	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	3979	1.94	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampleId :

MDL05 2.00PPB

Tot Ion:168 Resp: 101960

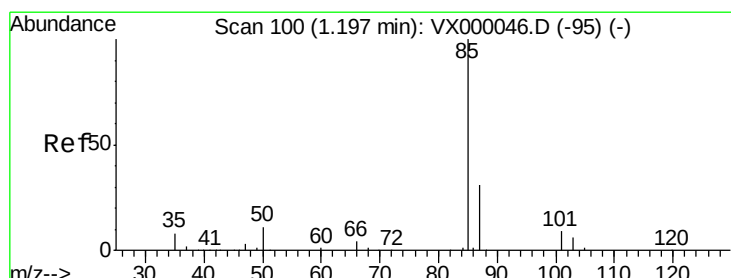
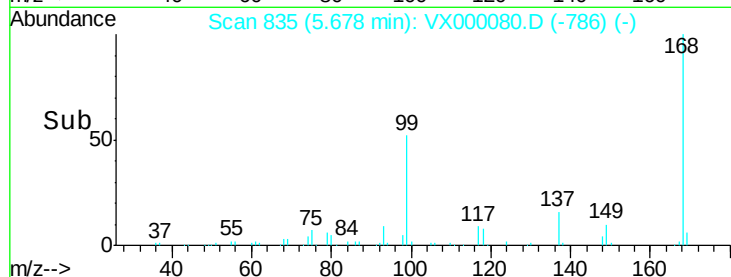
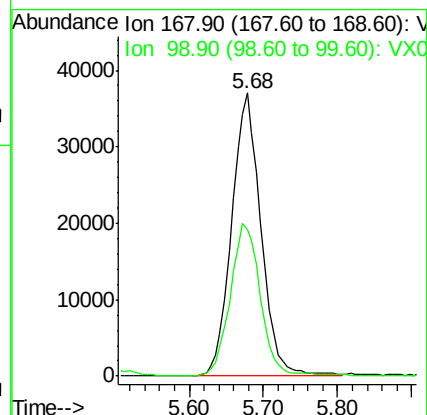
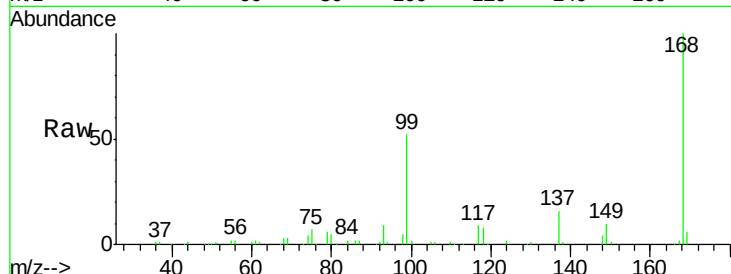
Ion Ratio Lower Upper

168 100

99 51.5 39.4 59.2

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#2

Dichlorodifluoromethane

Concen: 2.22 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX000080.D

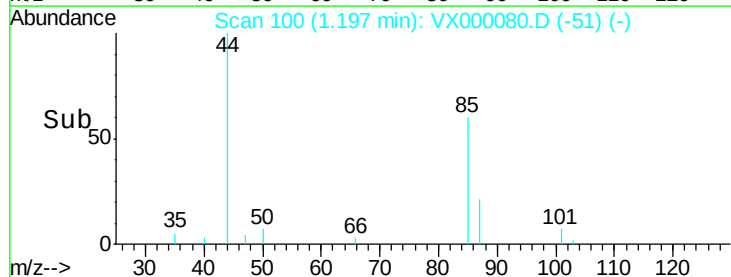
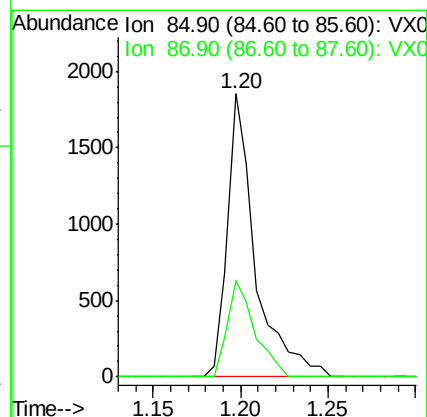
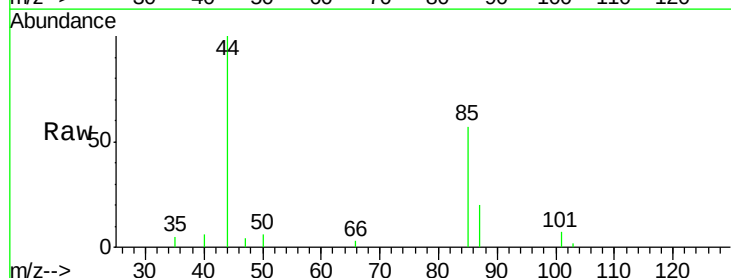
Acq: 13 Feb 2018 17:20

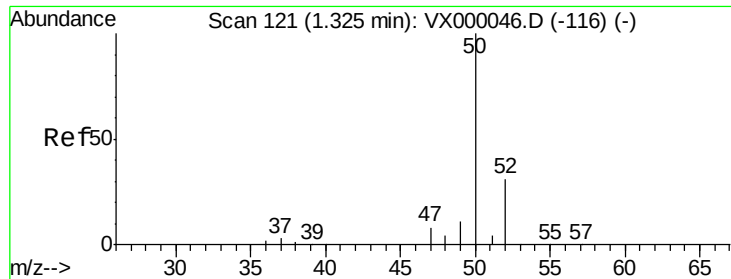
Tgt Ion: 85 Resp: 2052

Ion Ratio Lower Upper

85 100

87 34.2 15.7 47.0





#3

Chloromethane

Concen: 2.22 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 50 Resp: 2088

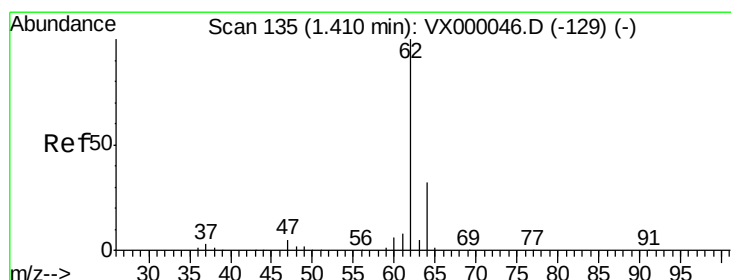
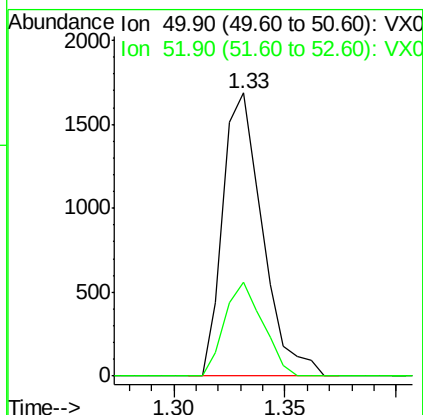
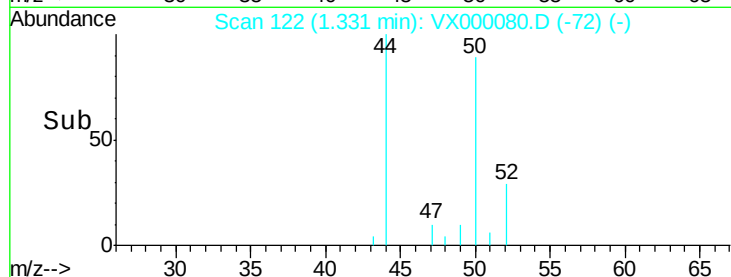
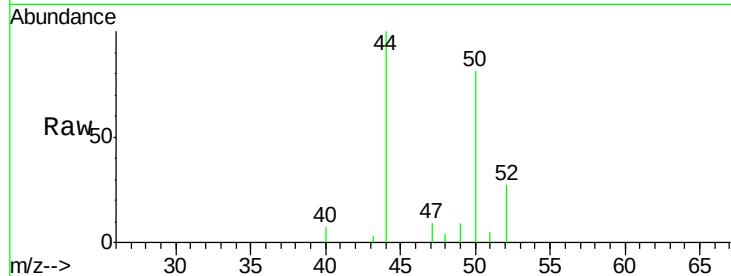
Ion Ratio Lower Upper

50 100

52 33.0 25.0 37.6

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#4

Vinyl Chloride

Concen: 2.29 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000080.D

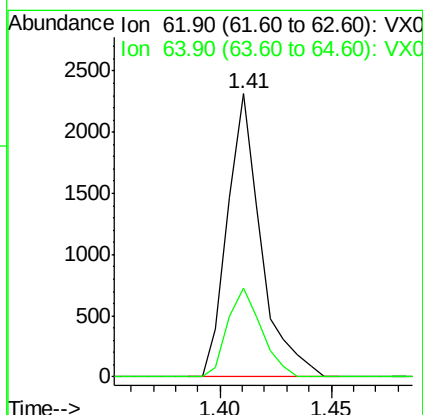
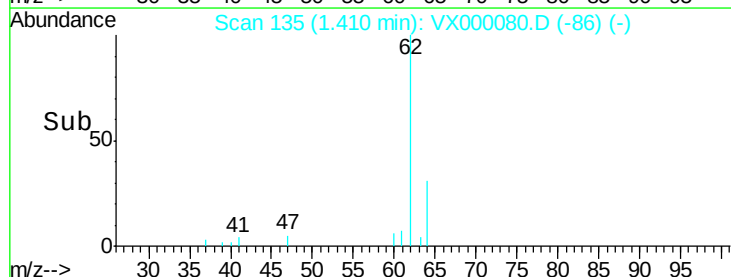
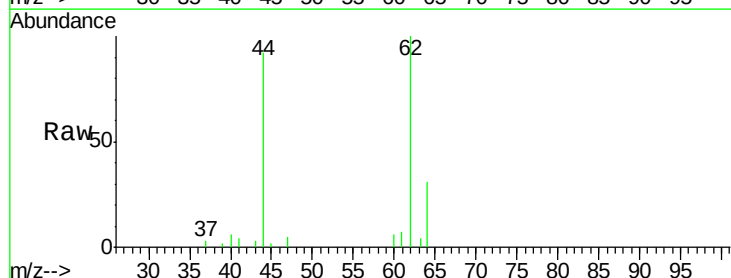
Acq: 13 Feb 2018 17:20

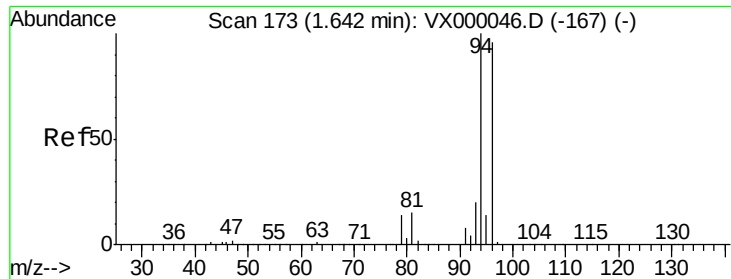
Tgt Ion: 62 Resp: 2428

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 4.15 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 94 Resp: 2353

Ion Ratio Lower Upper

94 100

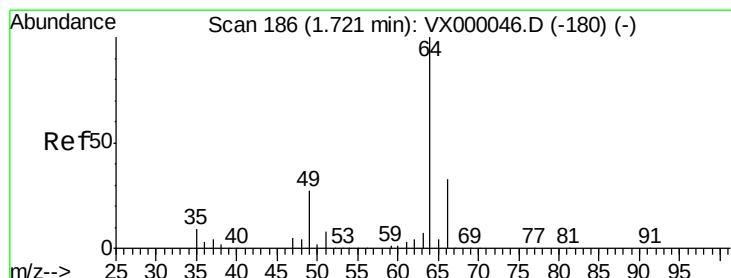
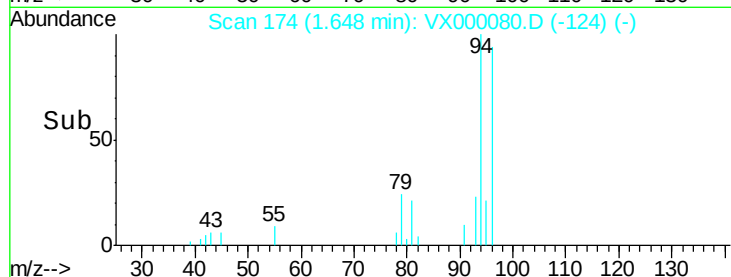
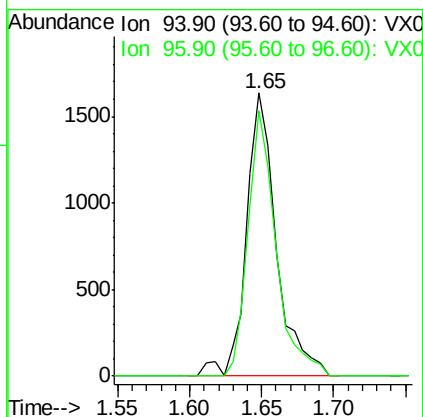
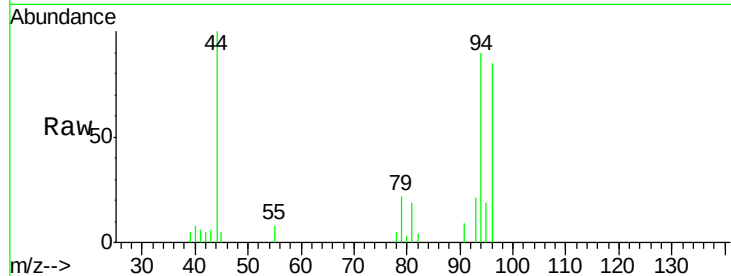
96 93.8 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 3.64 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000080.D

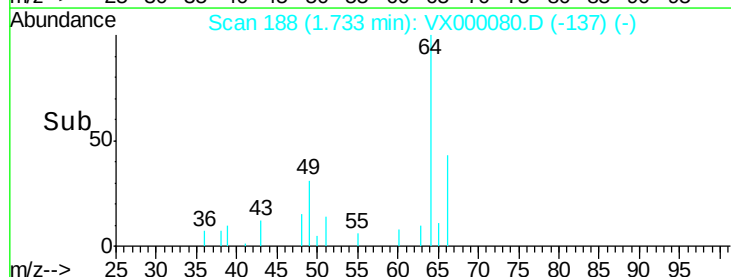
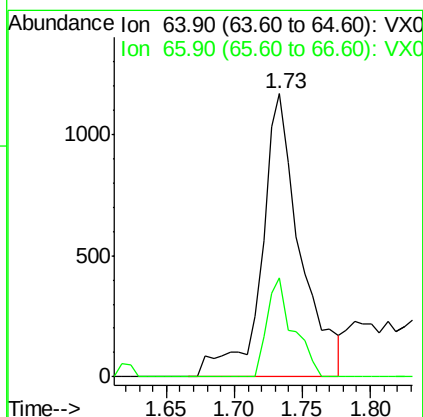
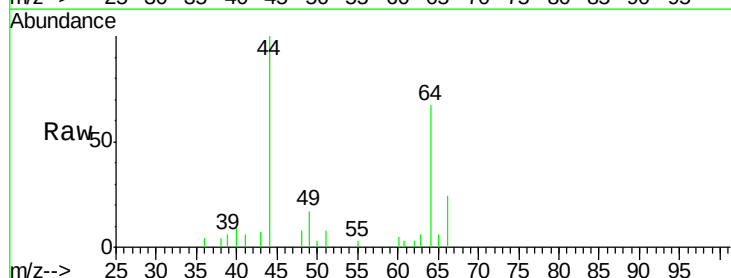
Acq: 13 Feb 2018 17:20

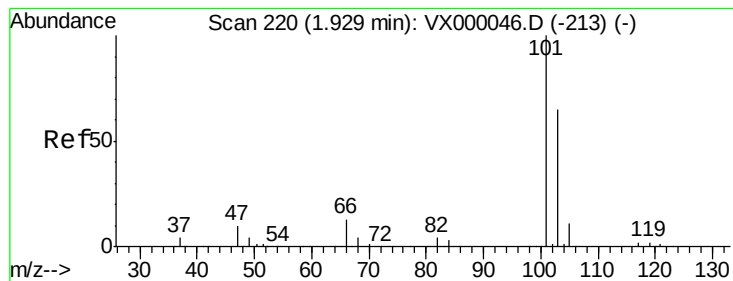
Tgt Ion: 64 Resp: 2319

Ion Ratio Lower Upper

64 100

66 35.0 26.4 39.6





#7

Trichlorofluoromethane

Concen: 2.23 ug/l

RT: 1.94 min Scan# 222

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion:101 Resp: 4117

Ion Ratio Lower Upper

101 100

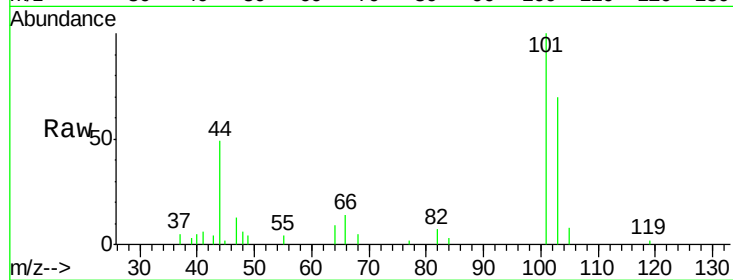
103 69.7 52.3 78.5

Manual Integrations

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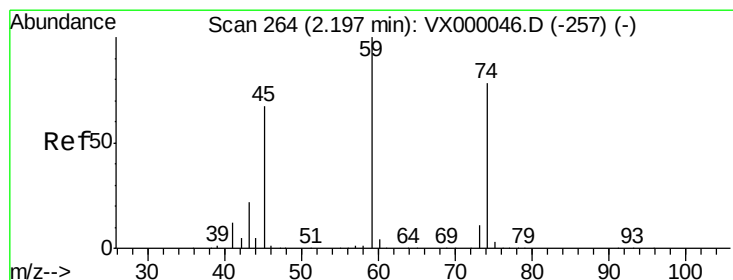
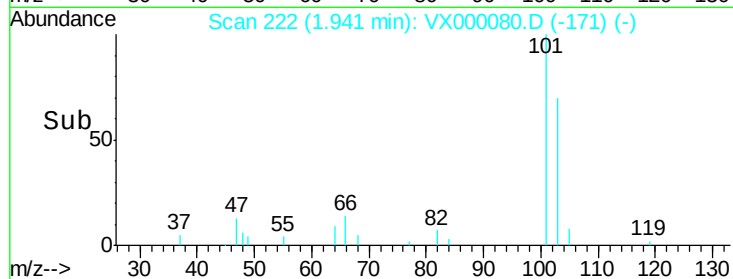
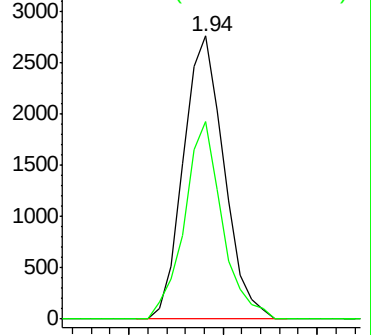
MMDadoda

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 2.18 ug/l

RT: 2.20 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX000080.D

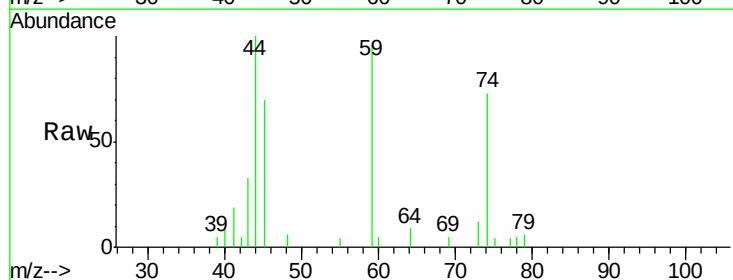
Acq: 13 Feb 2018 17:20

Tgt Ion: 74 Resp: 1460

Ion Ratio Lower Upper

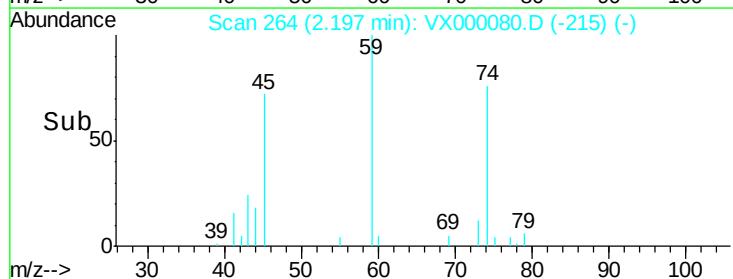
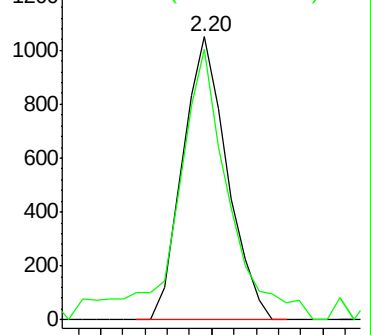
74 100

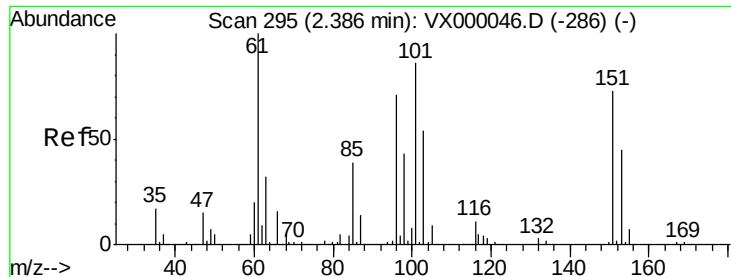
45 112.3 44.3 132.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.16 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

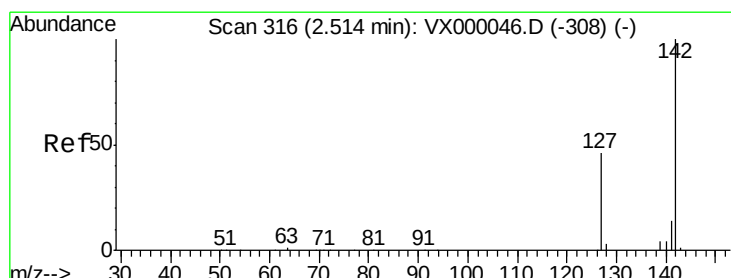
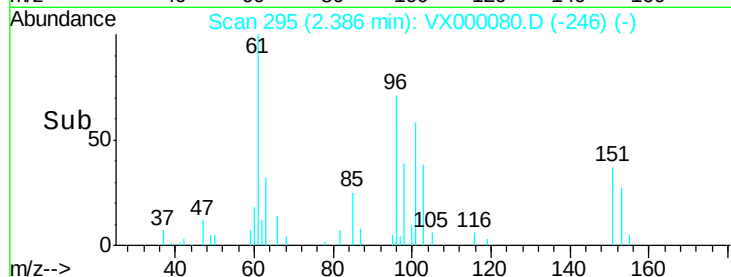
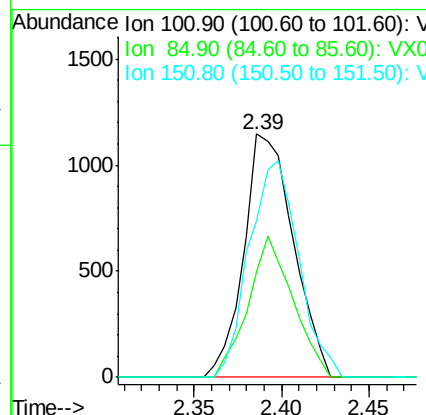
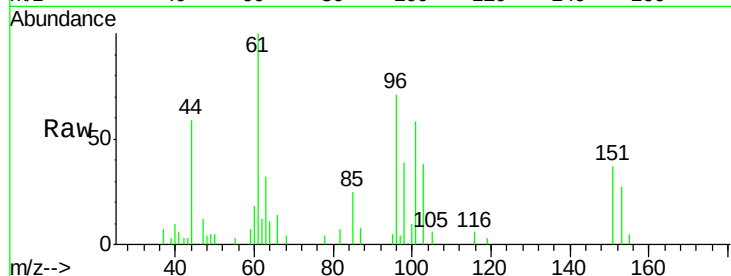
ClientSampled :

MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
101	100		
85	52.4	36.6	54.8
151	89.0	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 3.06 ug/l

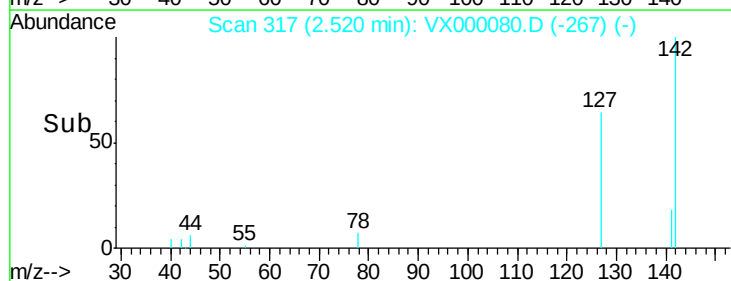
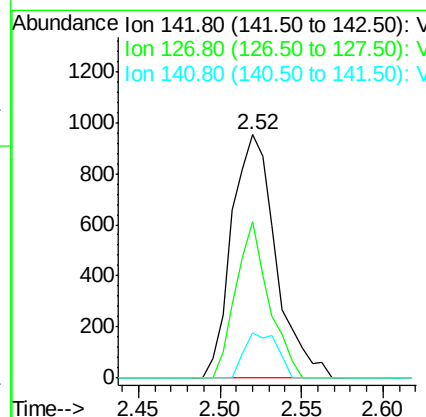
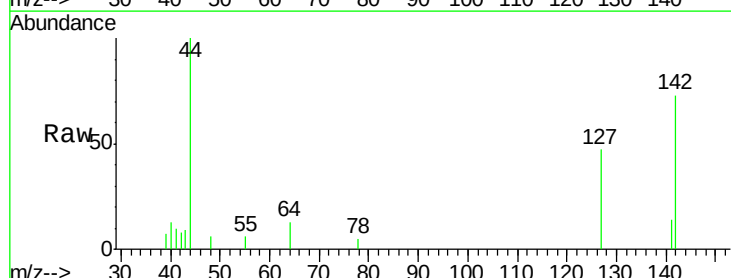
RT: 2.52 min Scan# 317

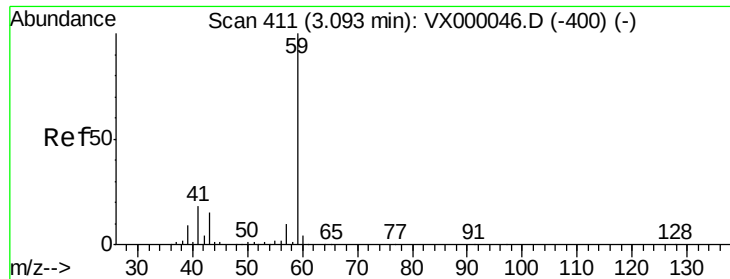
Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
127	48.0	36.8	55.2
141	14.0	11.4	17.0





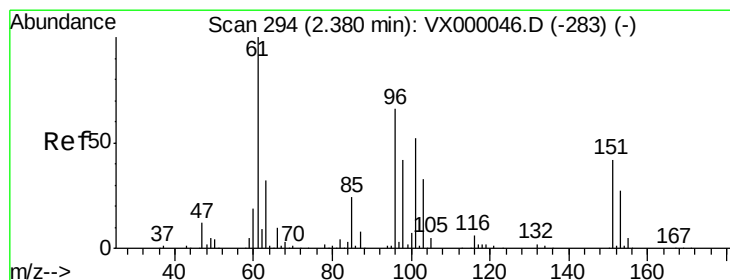
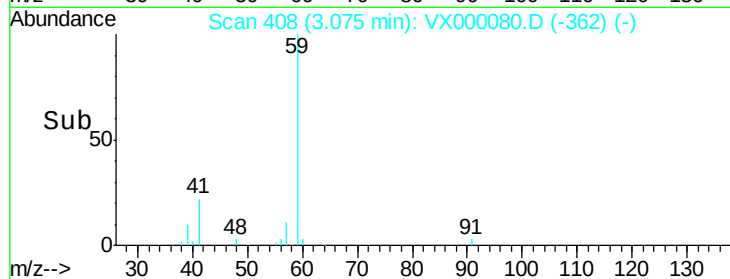
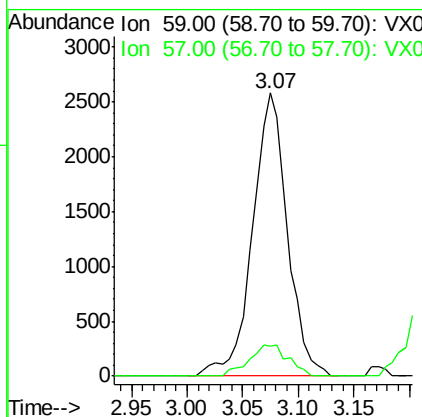
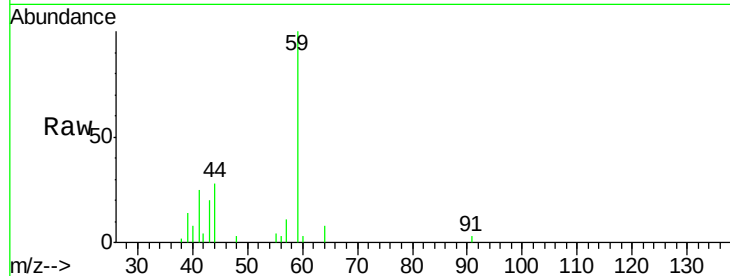
#11
Tert butyl alcohol
Concen: 13.24 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion: 59 Resp: 5643
Ion Ratio Lower Upper
59 100
57 12.2 8.4 12.6

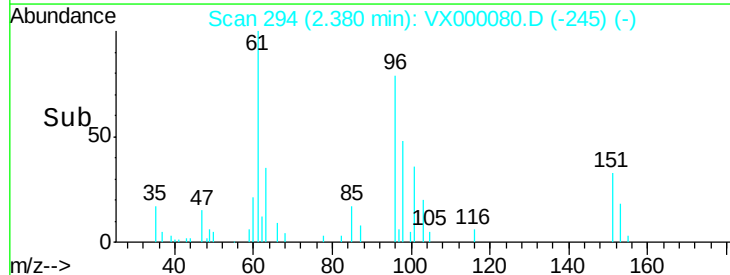
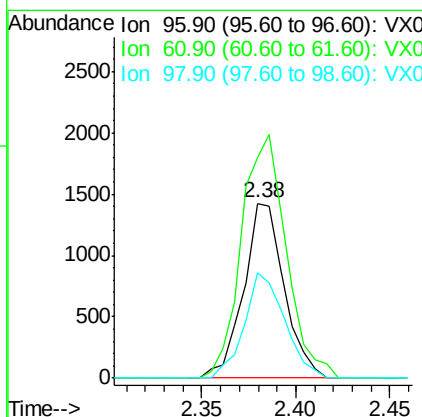
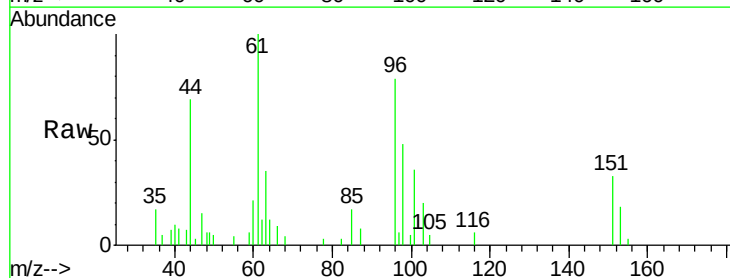
Manual Integrations
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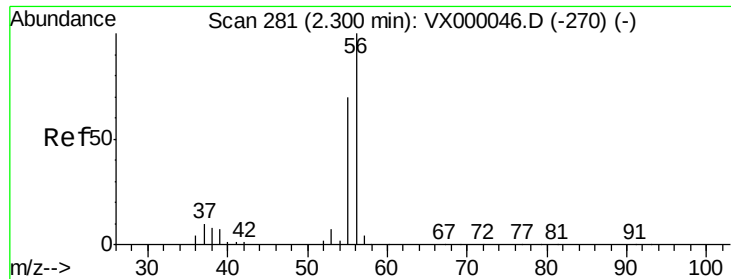
MMDadoda
2/16/2018 2:28:04 PM



#12
1,1-Dichloroethene
Concen: 2.15 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion: 96 Resp: 2125
Ion Ratio Lower Upper
96 100
61 126.5 120.3 180.5
98 60.3 51.0 76.4





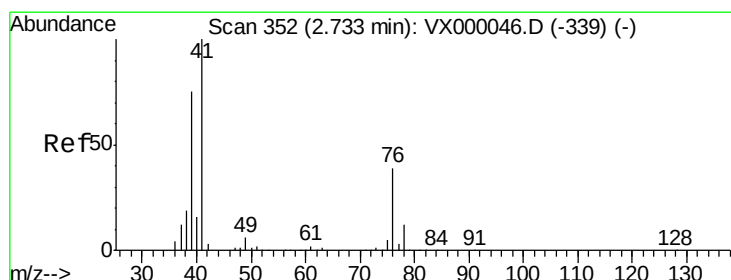
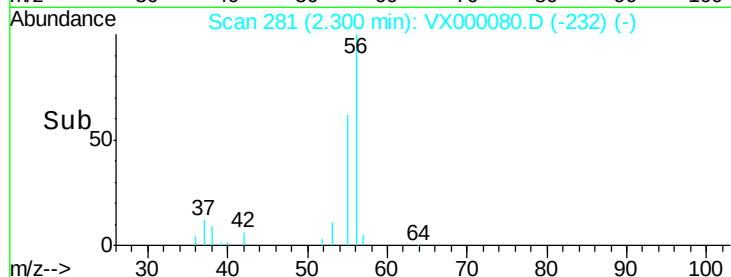
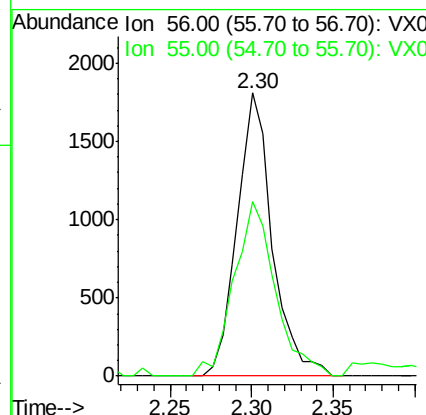
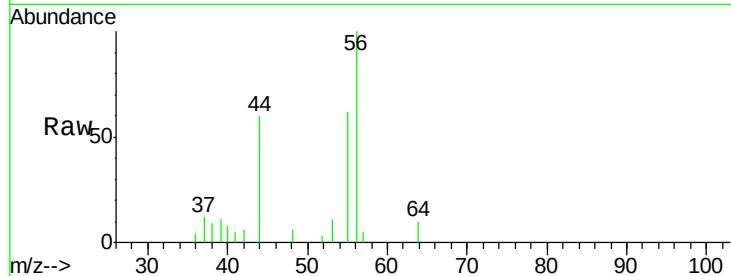
#13
 Acrolein
 Concen: 12.43 ug/l
 RT: 2.30 min Scan# 281
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion: 56 Resp: 2720
 Ion Ratio Lower Upper
 56 100
 55 72.8 56.4 84.6

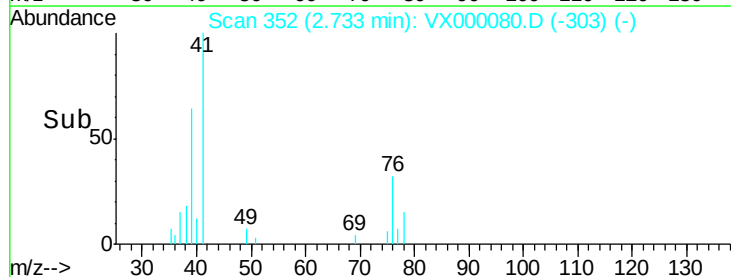
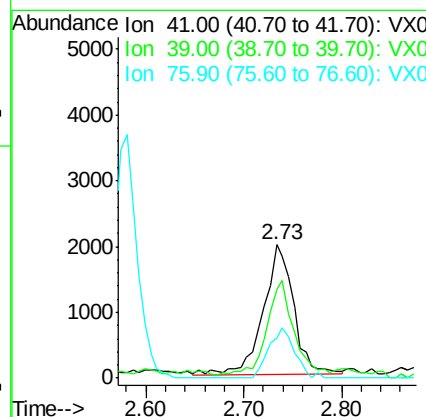
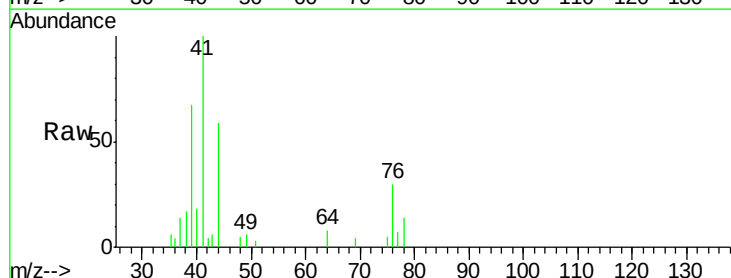
Manual Integrations
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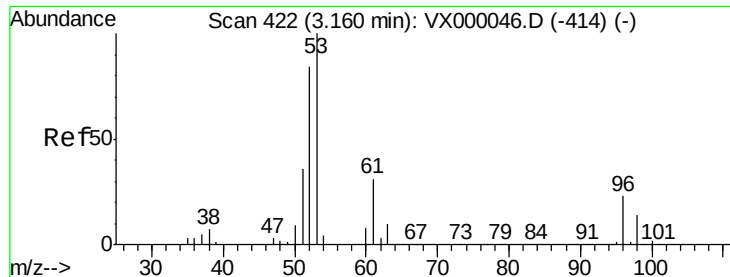
MMDadoda
 2/16/2018 2:28:04 PM



#14
 Allyl chloride
 Concen: 2.50 ug/l
 RT: 2.73 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion: 41 Resp: 4313
 Ion Ratio Lower Upper
 41 100
 39 62.7 55.8 83.6
 76 32.2 28.7 43.1





#15

Acrylonitrile

Concen: 11.89 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

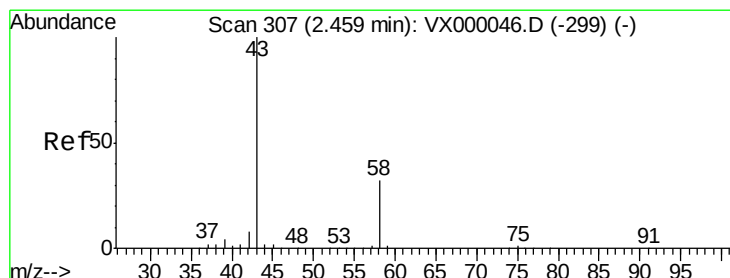
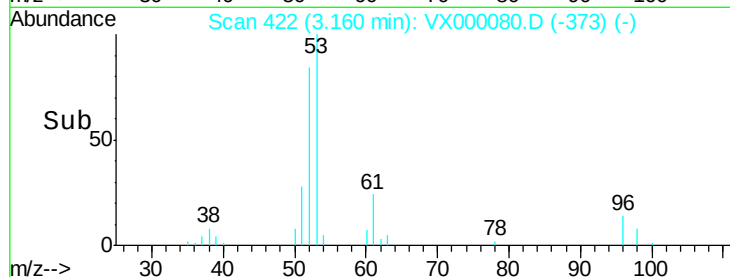
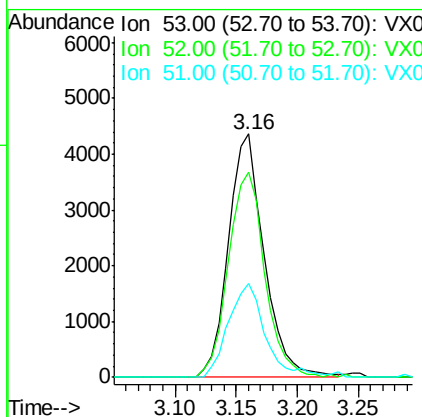
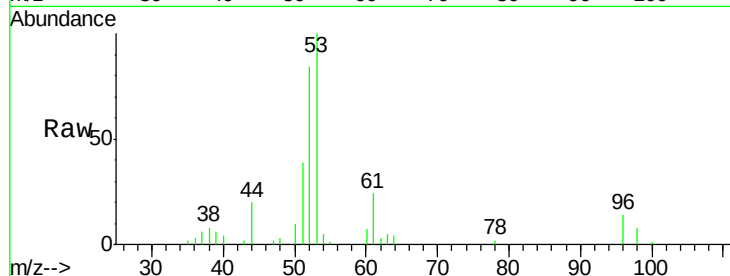
ClientSampled :

MDL05 2.00PPB

Tot Ion:	53	Resp:	8829
Ion	Ratio	Lower	Upper
53	100		
52	85.6	66.5	99.7
51	39.9	29.1	43.7

Manual Integrations
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MMDadoda
2/16/2018 2:28:04 PM



#16

Acetone

Concen: 13.88 ug/l

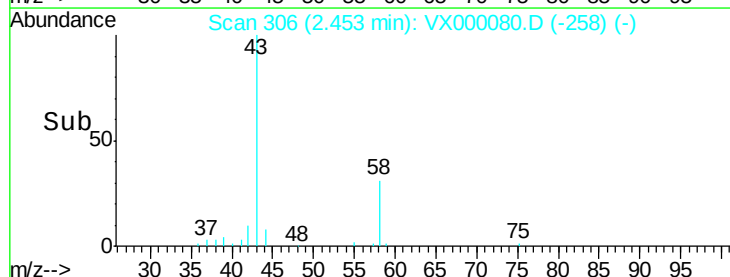
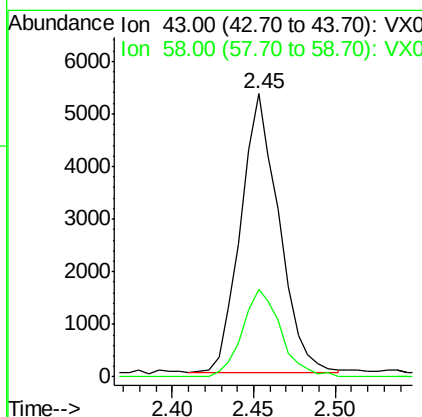
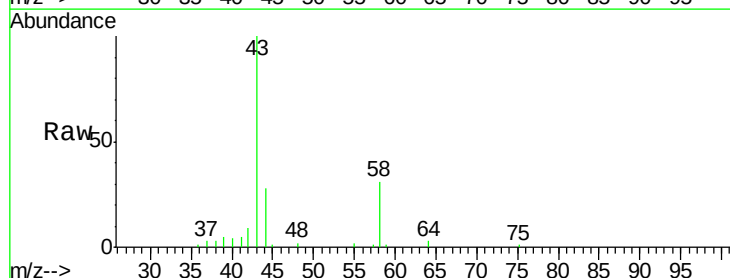
RT: 2.45 min Scan# 306

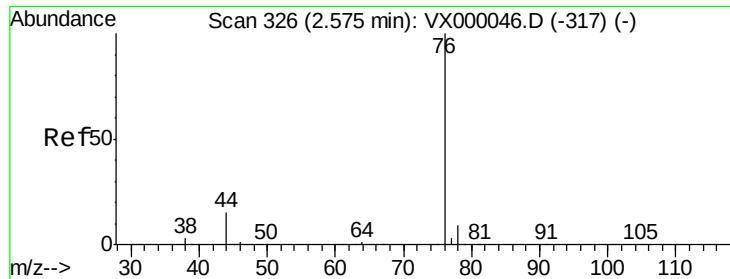
Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	43	Resp:	8752
Ion	Ratio	Lower	Upper
43	100		
58	31.3	25.9	38.9





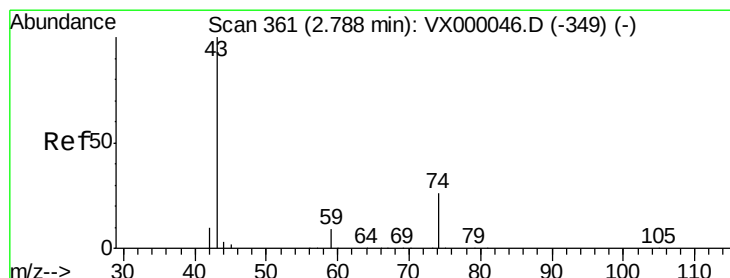
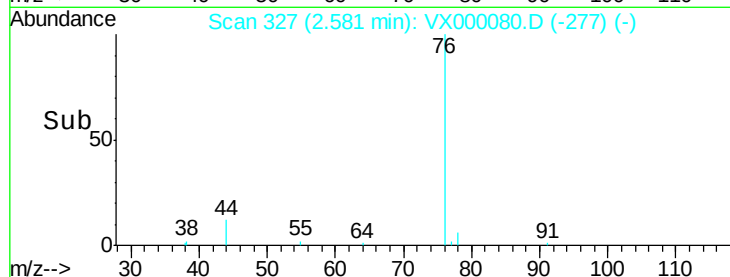
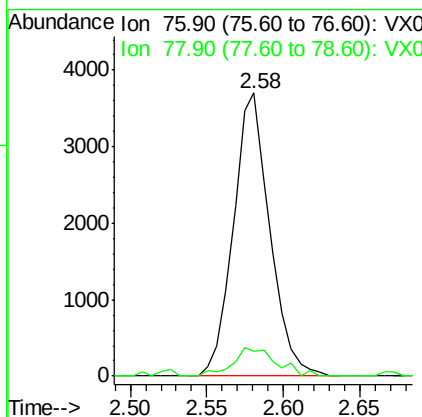
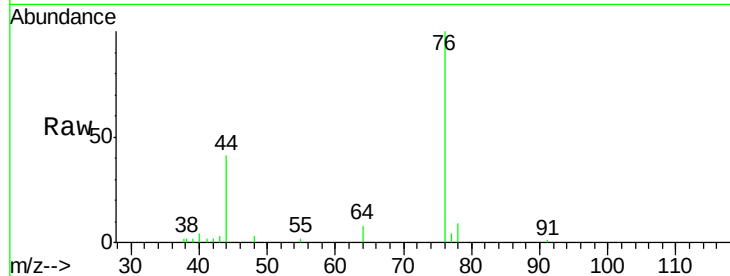
#17
Carbon Disulfide
Concen: 2.11 ug/l
RT: 2.58 min Scan# 327
Delta R.T. 0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion: 76 Resp: 6094
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

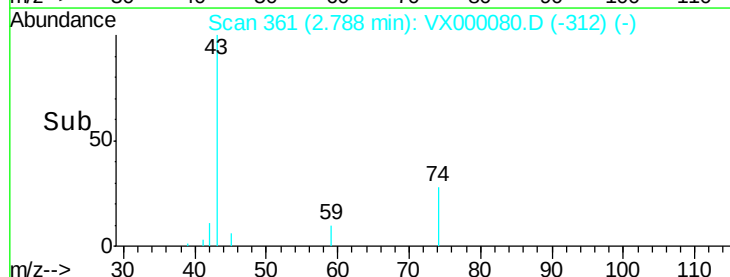
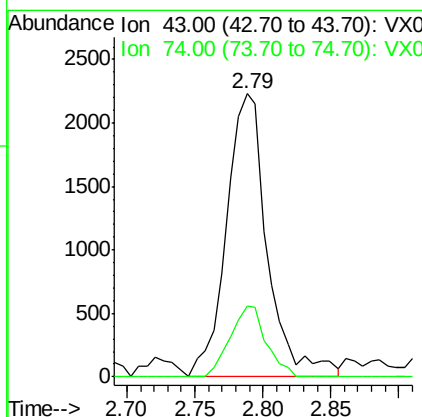
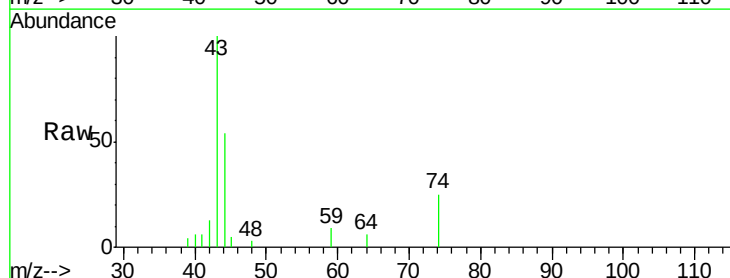
Manual Integrations
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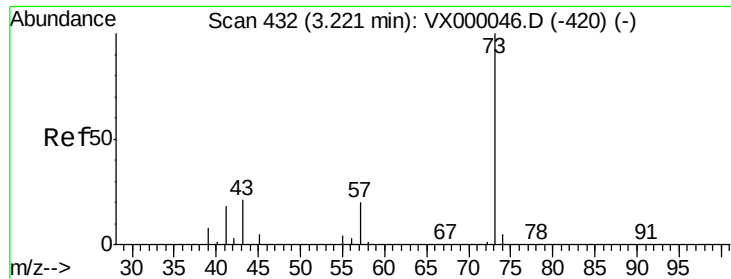
MMDadoda
2/16/2018 2:28:04 PM



#18
Methyl Acetate
Concen: 2.93 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion: 43 Resp: 4667
Ion Ratio Lower Upper
43 100
74 22.0 20.2 30.4





#19

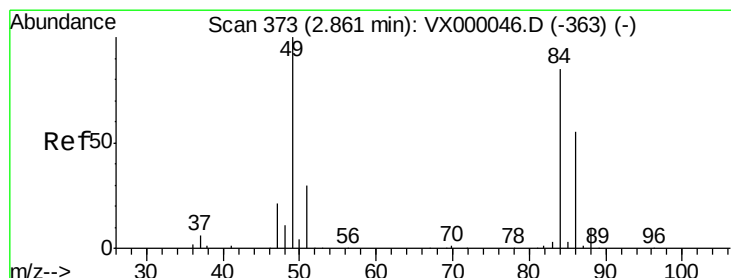
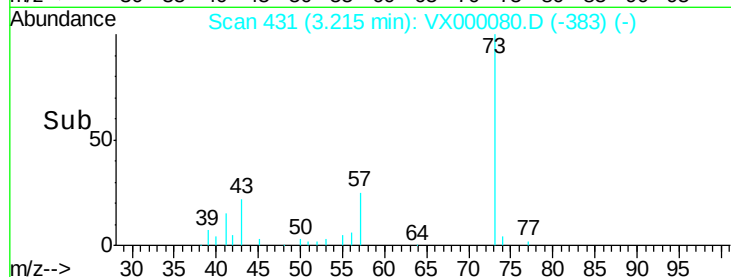
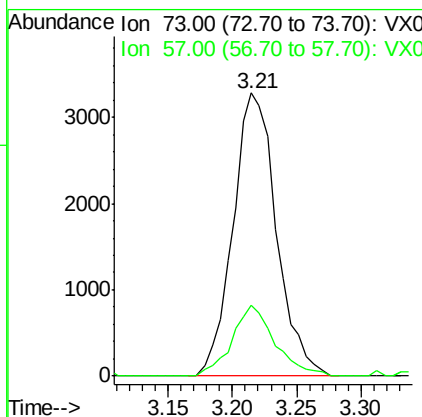
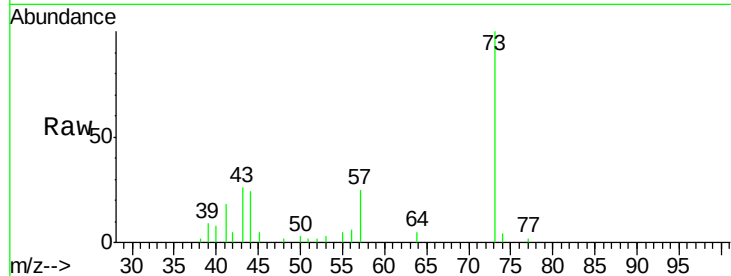
Methyl tert-butyl Ether
 Concen: 2.26 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion: 73 Resp: 7659
 Ion Ratio Lower Upper
 73 100
 57 25.3 16.2 24.4#

Manual Integrations
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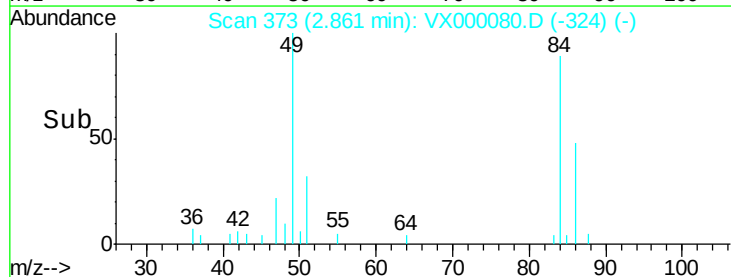
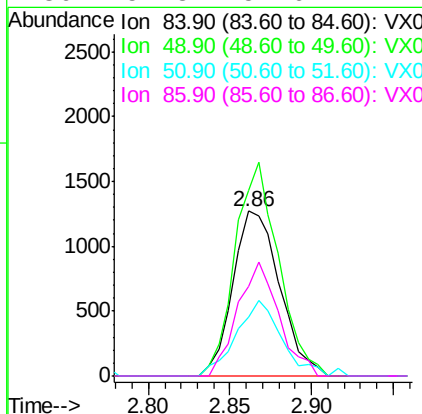
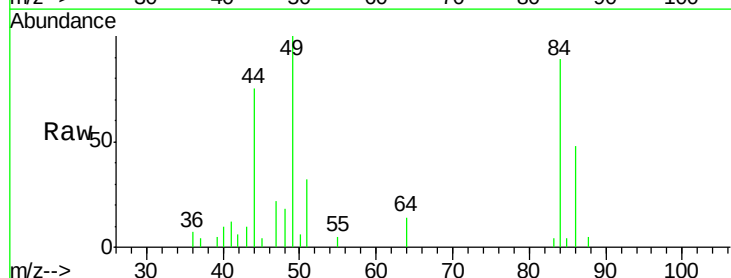
MMDadoda
 2/16/2018 2:28:04 PM

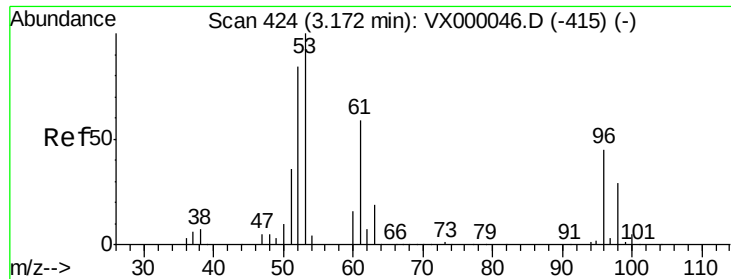


#20

Methylene Chloride
 Concen: 2.41 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion: 84 Resp: 2541
 Ion Ratio Lower Upper
 84 100
 49 112.2 94.4 141.6
 51 35.4 28.3 42.5
 86 54.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.01 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

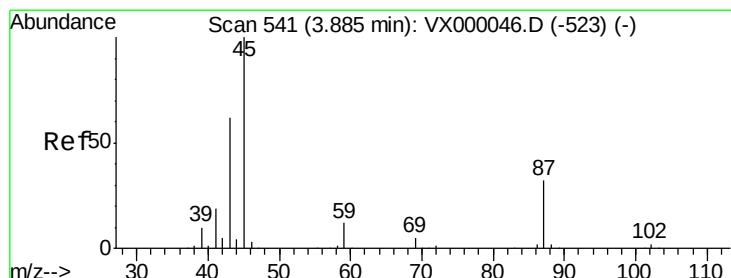
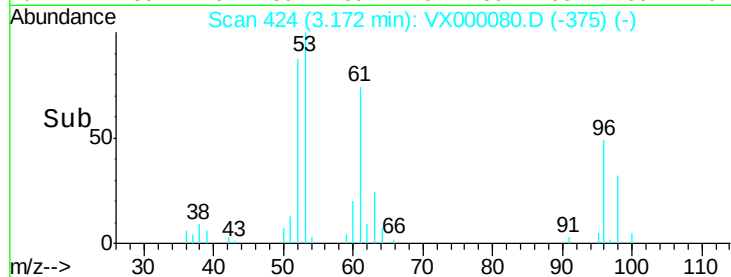
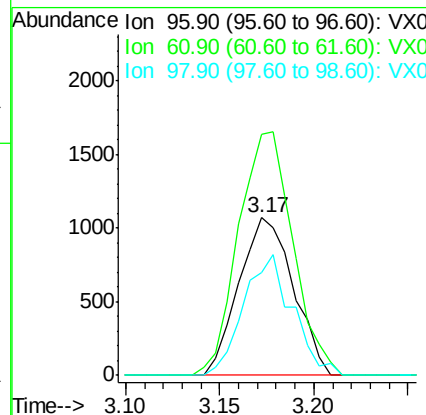
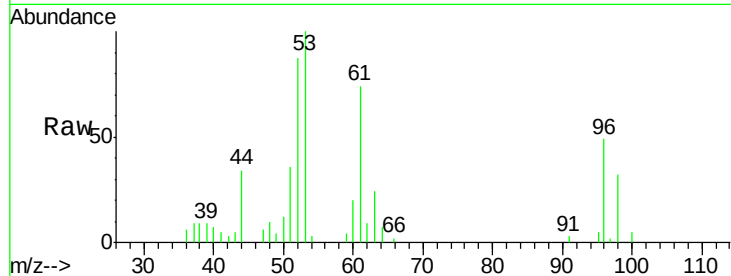
ClientSampled :

MDL05 2.00PPB

Tot Ion:	96	Resp:	2145
Ion	Ratio	Lower	Upper
96	100		
61	152.9	104.9	157.3
98	65.5	52.4	78.6

Manual Integrations
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2/16/2018 2:28:04 PM



#22

Diisopropyl ether

Concen: 2.12 ug/l

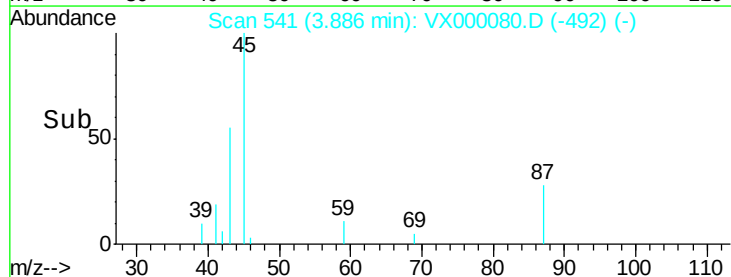
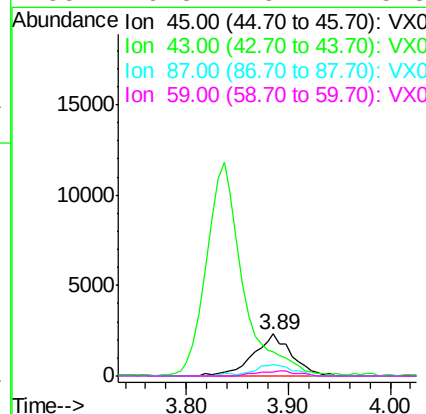
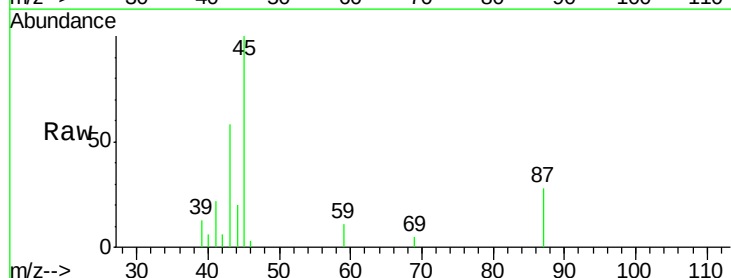
RT: 3.89 min Scan# 541

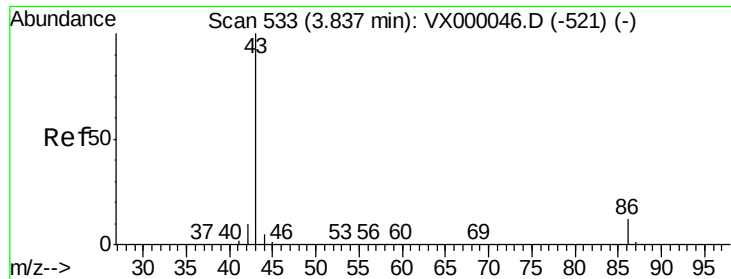
Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	45	Resp:	6037
Ion	Ratio	Lower	Upper
45	100		
43	53.2	49.6	74.4
87	27.8	25.9	38.9
59	10.8	9.2	13.8





#23

Vinyl Acetate

Concen: 11.52 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 43 Resp: 29643

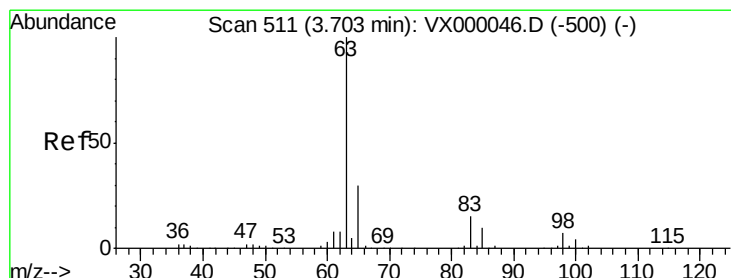
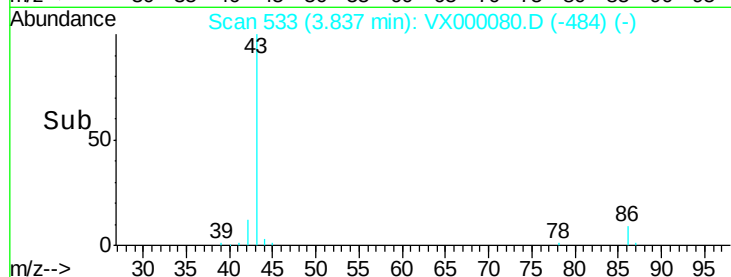
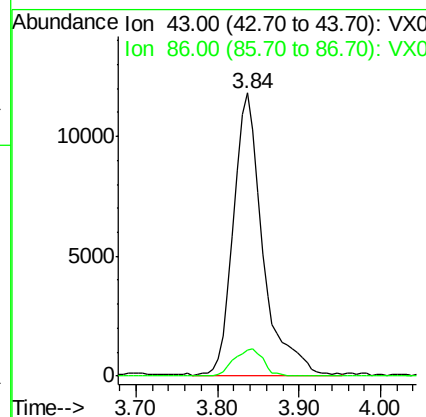
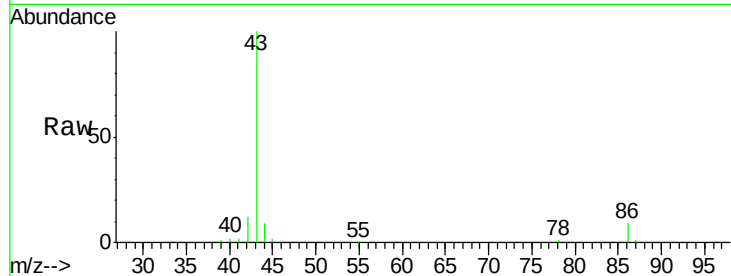
Ion Ratio Lower Upper

43 100

86 9.2 9.3 13.9#

Manual Integrations
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2/16/2018 2:28:04 PM



#24

1,1-Dichloroethane

Concen: 2.35 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

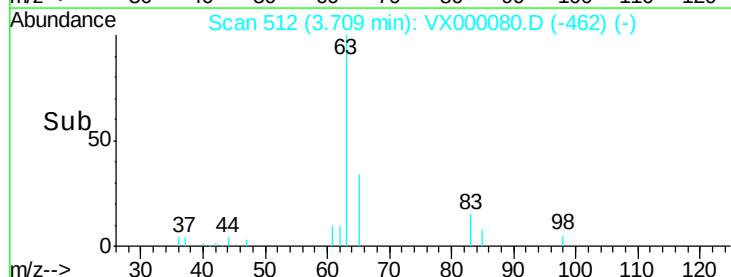
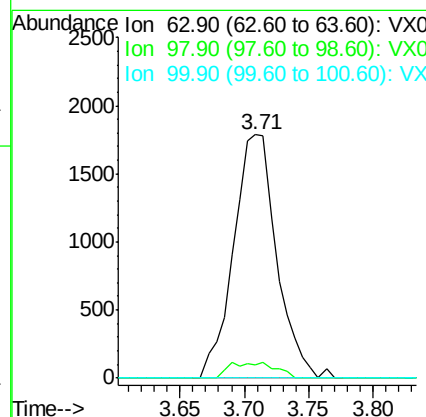
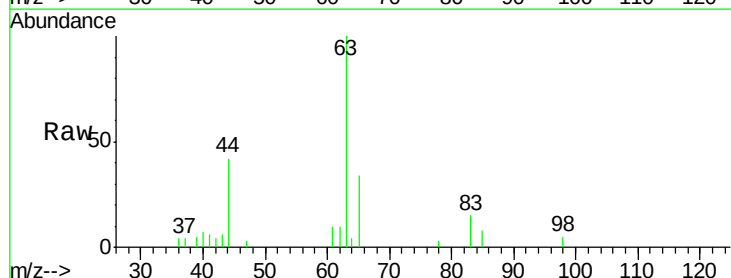
Tgt Ion: 63 Resp: 4156

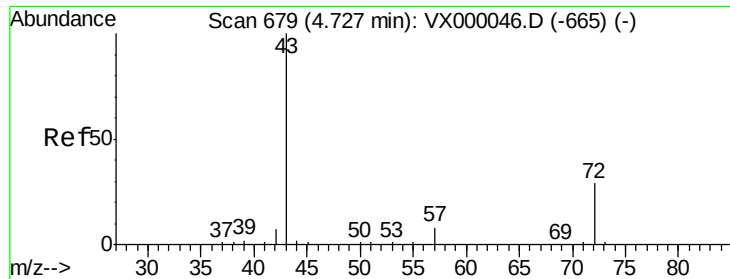
Ion Ratio Lower Upper

63 100

98 5.3 3.3 9.9

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 12.63 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 43 Resp: 12018

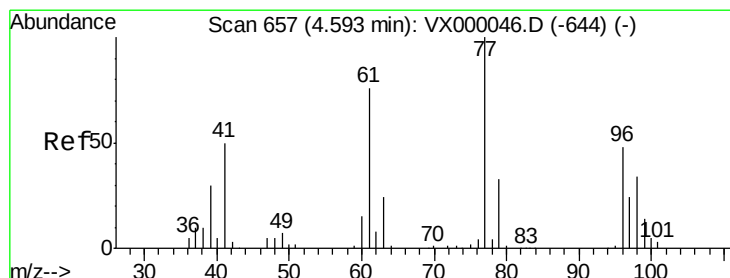
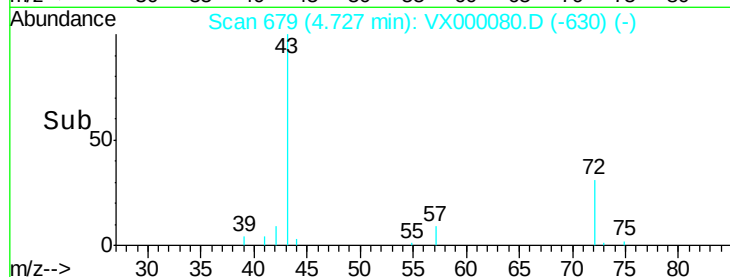
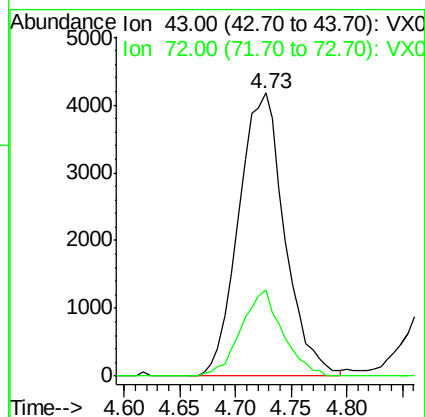
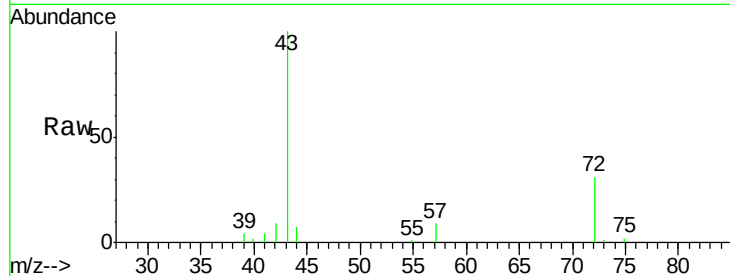
Ion Ratio Lower Upper

43 100

72 30.5 23.0 34.6

Manual Integrations
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MMDadoda
2/16/2018 2:28:04 PM



#26

2,2-Dichloropropane

Concen: 2.15 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX000080.D

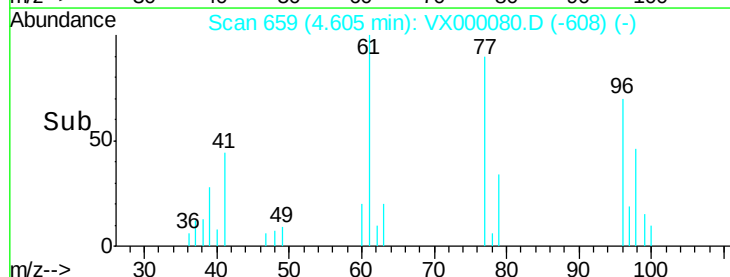
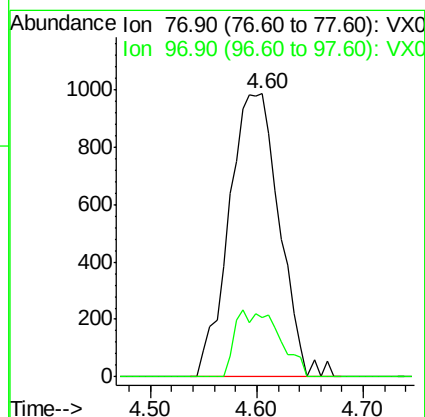
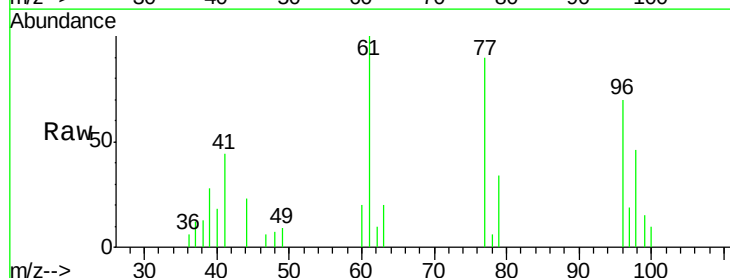
Acq: 13 Feb 2018 17:20

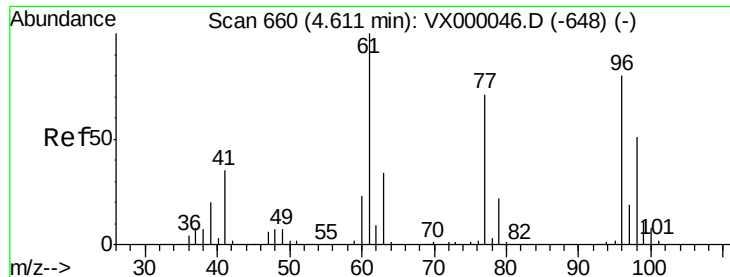
Tgt Ion: 77 Resp: 3267

Ion Ratio Lower Upper

77 100

97 7.8 11.8 35.4#





#27

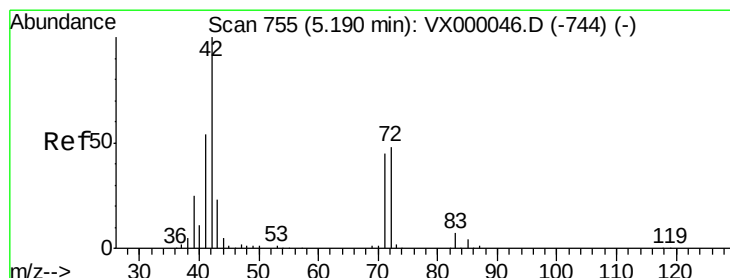
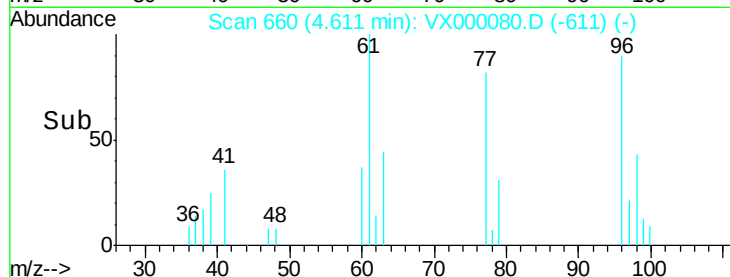
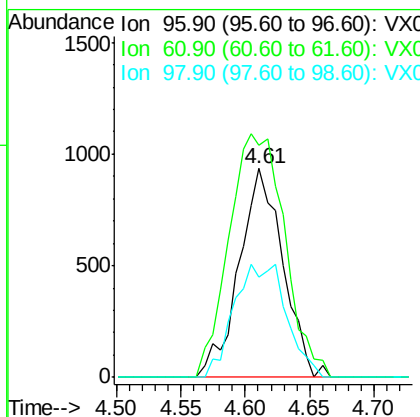
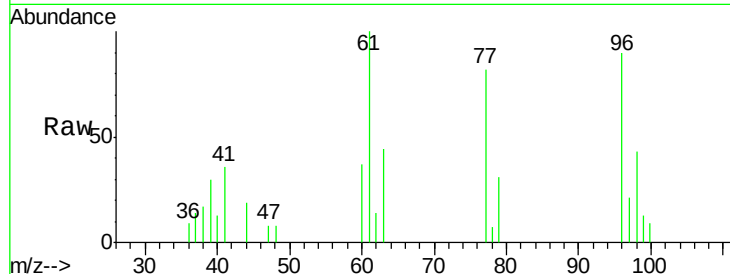
cis-1,2-Dichloroethene
Concen: 2.11 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.4	0.0	274.4
98	64.8	0.0	132.4

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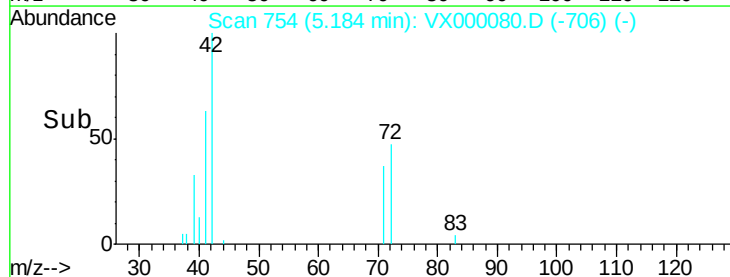
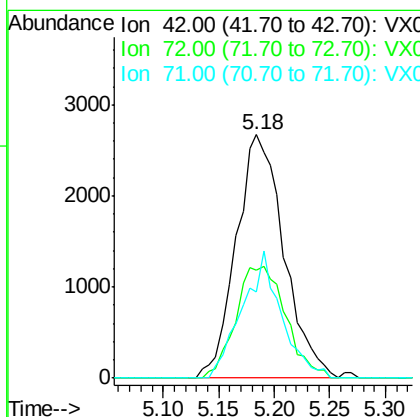
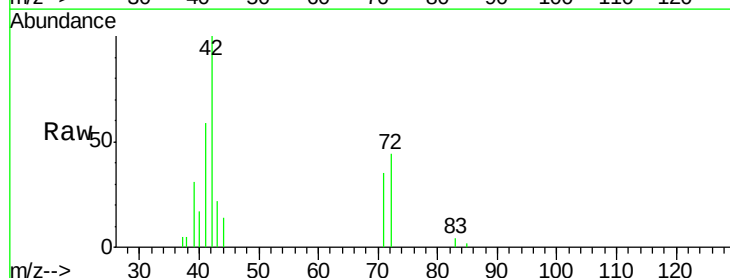
MMDadoda
2/16/2018 2:28:04 PM

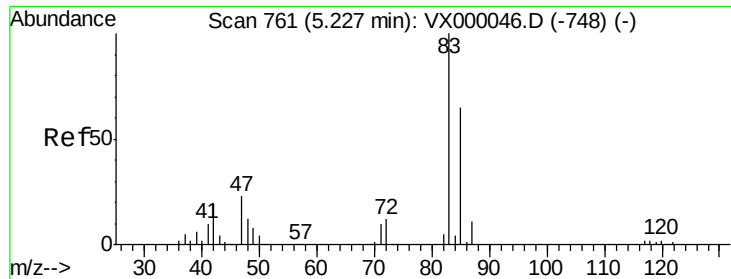


#29

Tetrahydrofuran
Concen: 12.22 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.9	39.0	58.6
71	42.8	36.7	55.1





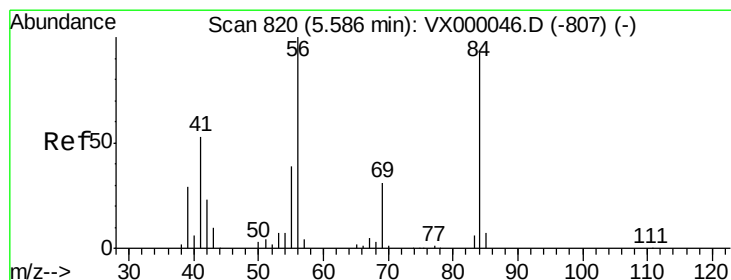
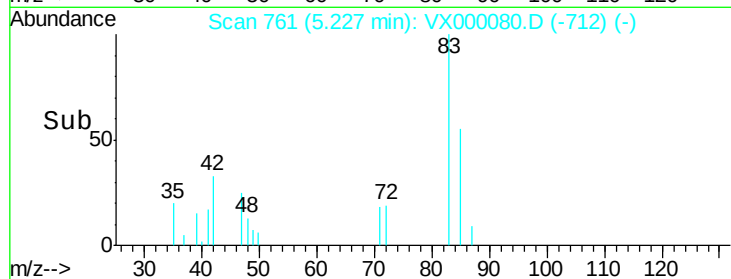
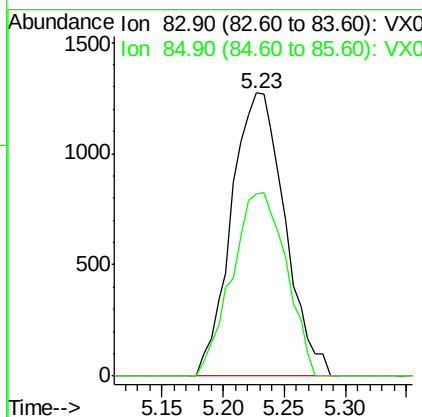
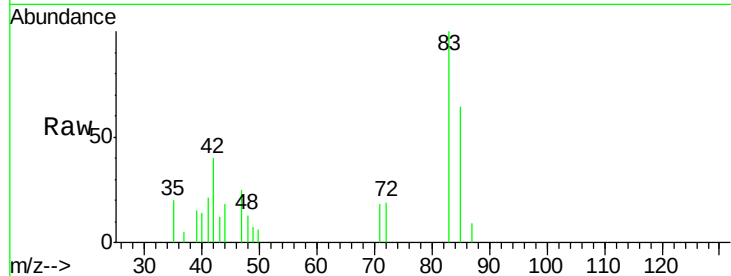
#30
Chloroform
Concen: 2.16 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	83	Resp	3853
Ion Ratio	100	Lower	Upper
85	64.5	51.9	77.9

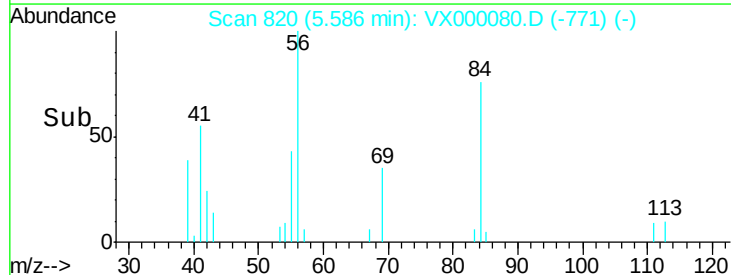
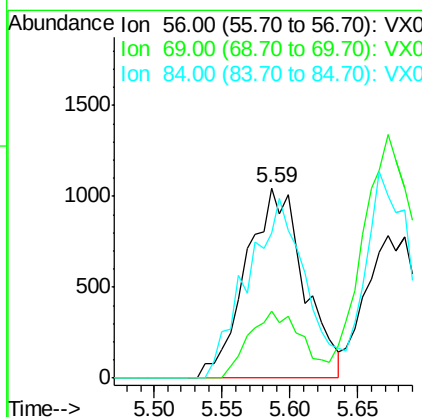
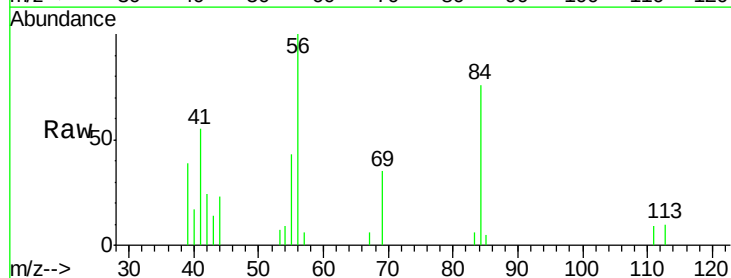
Manual Integrations
APPROVED

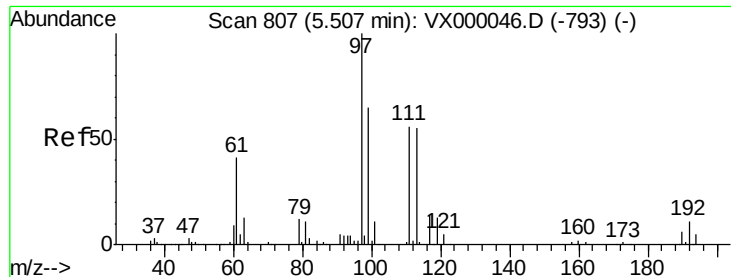
MMDadoda
2/16/2018 2:28:04 PM



#31
Cyclohexane
Concen: 2.15 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	56	Resp	3118
Ion Ratio	100	Lower	Upper
69	35.0	24.5	36.7
84	76.5	74.8	112.2





#32

1,1,1-Trichloroethane

Concen: 2.10 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

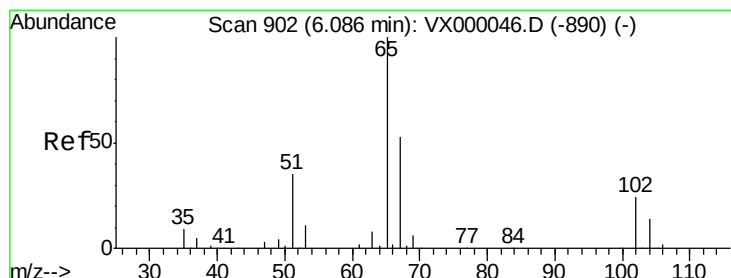
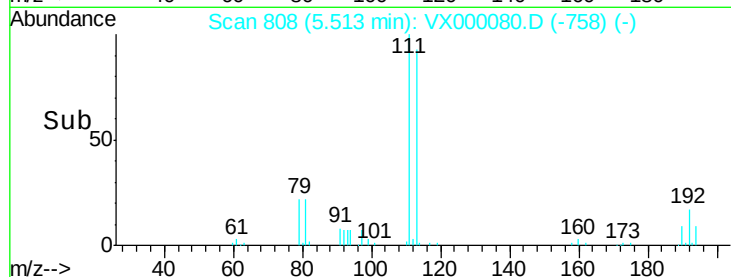
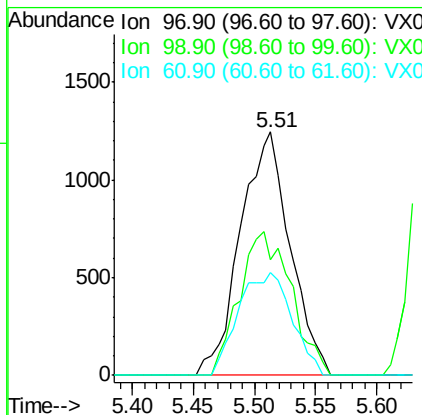
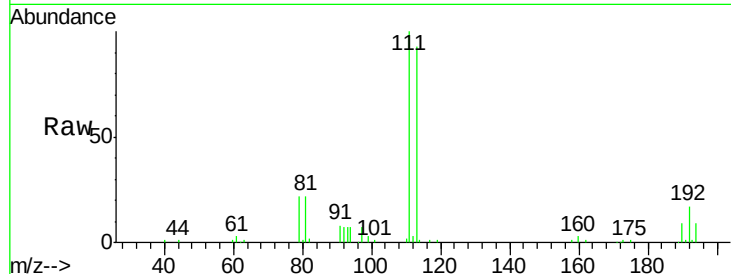
ClientSampled :

MDL05 2.00PPB

Tot Ion:	97	Resp:	3526
Ion	Ratio	Lower	Upper
97	100		
99	61.1	50.8	76.2
61	45.2	32.1	48.1

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 57.29 ug/l

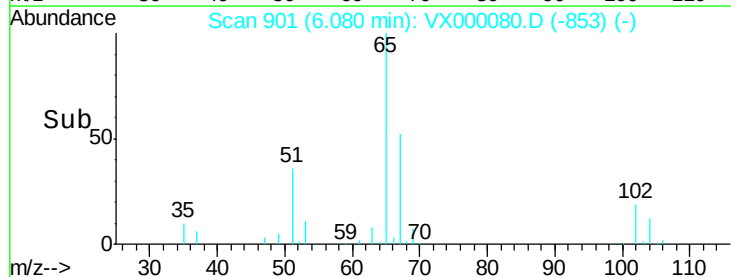
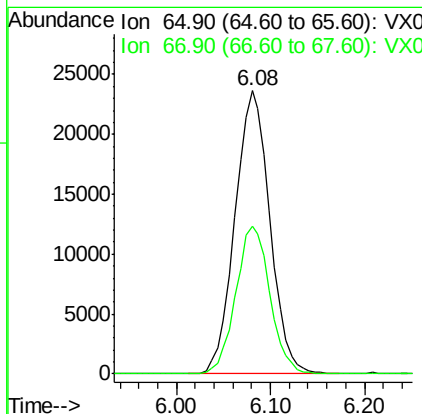
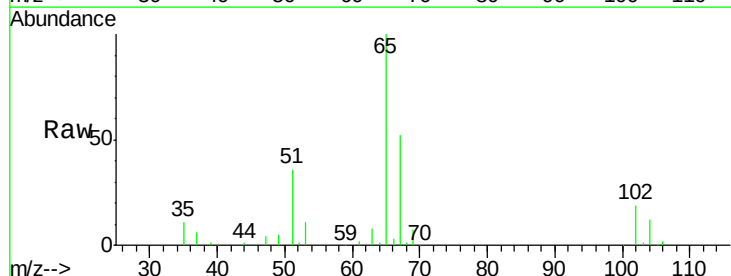
RT: 6.08 min Scan# 901

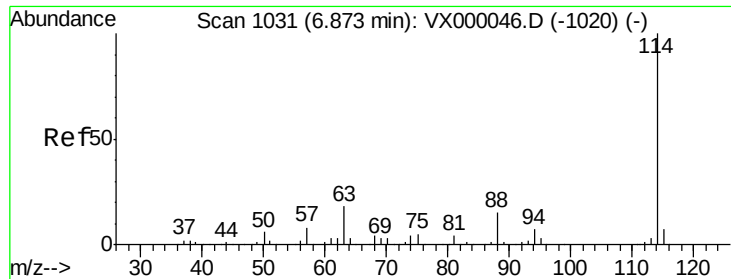
Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	65	Resp:	61036
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.0





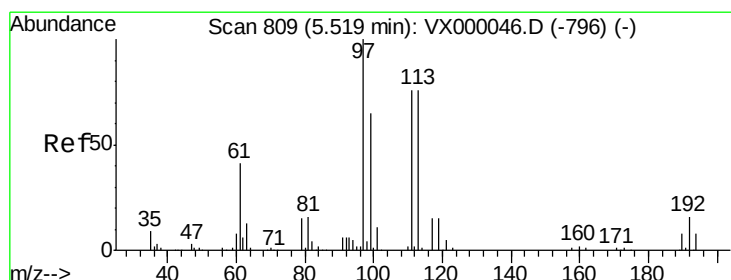
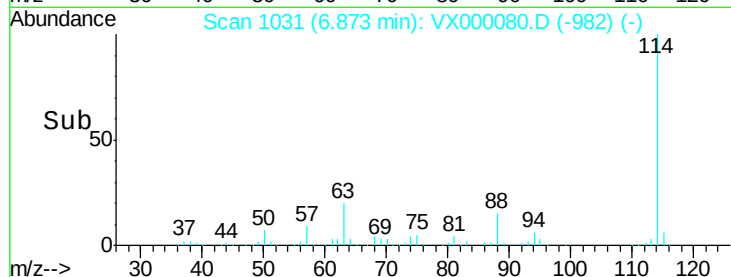
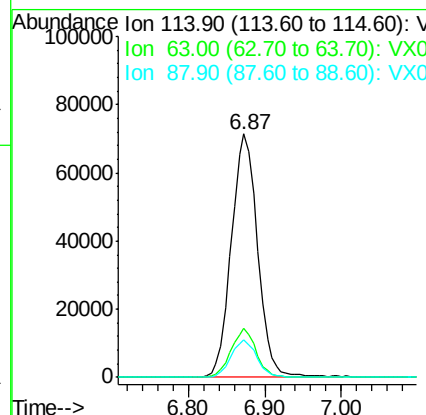
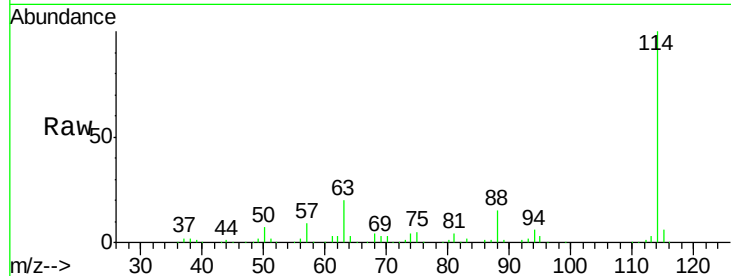
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Resp	Lower	Upper
114	100	170448		
63	20.2	0.0	36.0	
88	15.2	0.0	30.4	

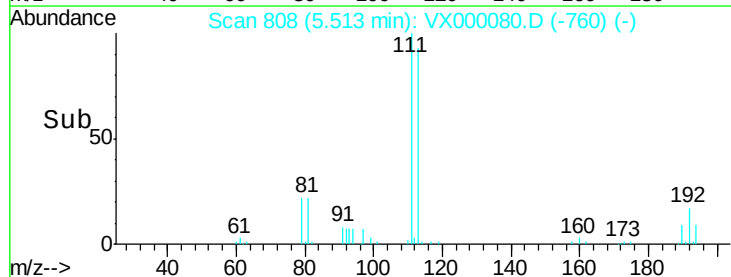
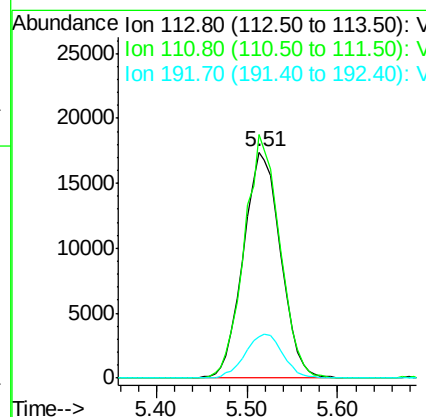
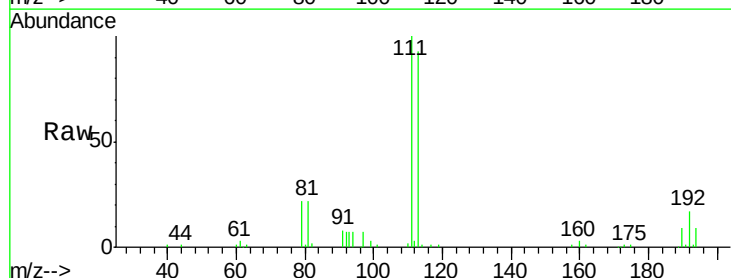
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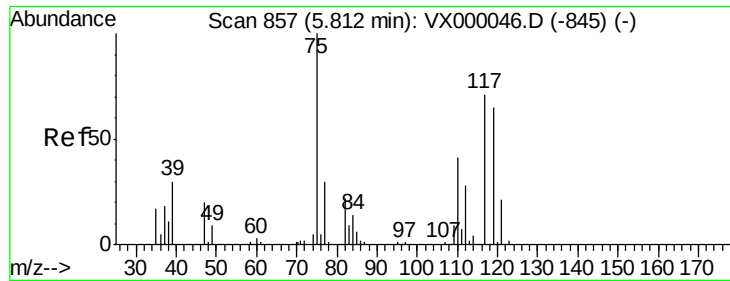
MMDadoda
 2/16/2018 2:28:04 PM



#35
 Dibromofluoromethane
 Concen: 49.81 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	49572		
111	102.7	80.5	120.7	
192	19.5	16.9	25.3	





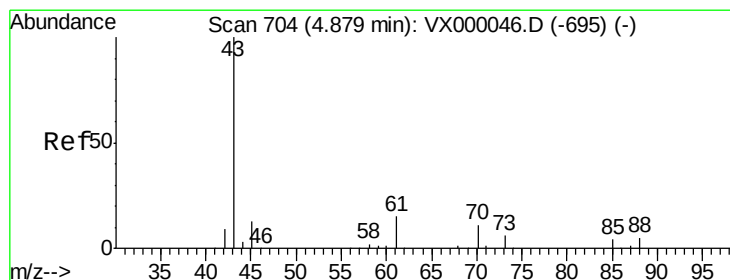
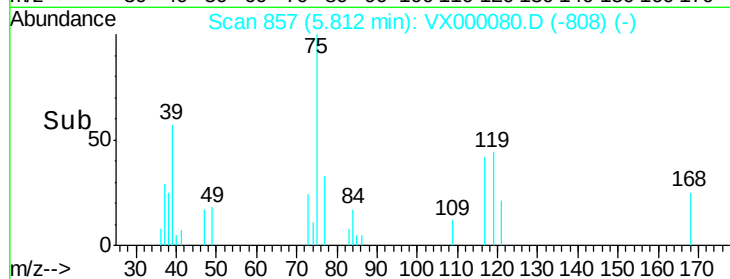
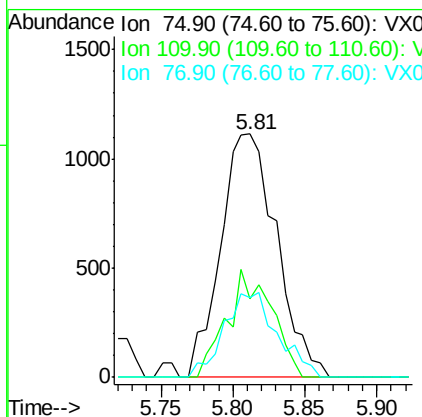
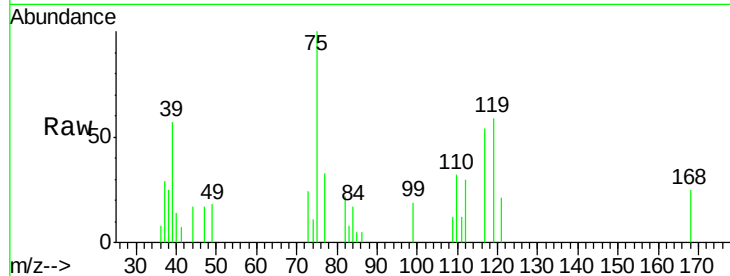
#36
 1,1-Dichloropropene
 Concen: 2.03 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.2	19.4	58.4
77	33.3	24.2	36.4

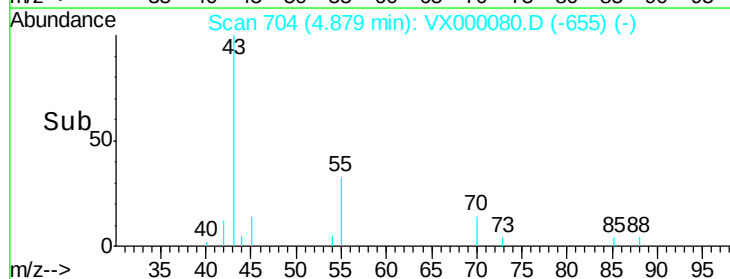
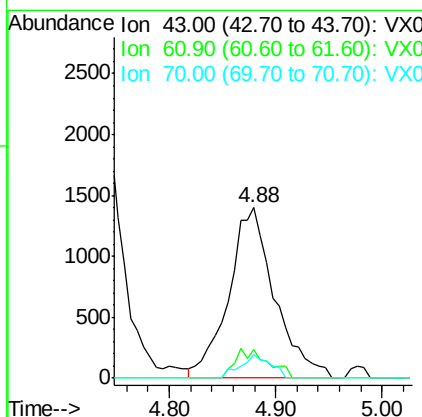
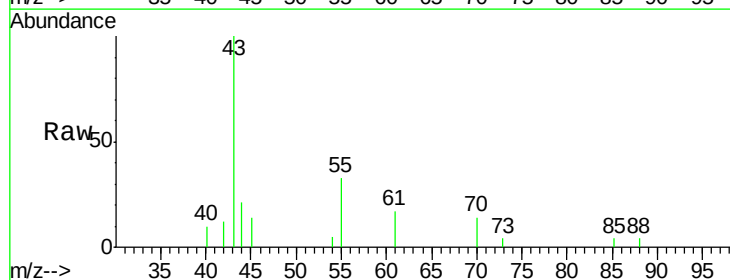
Manual Integrations
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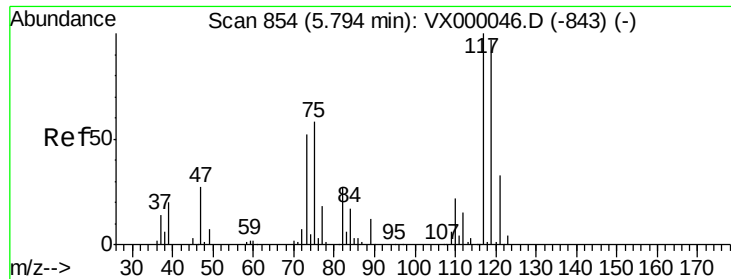
MMDadoda
 2/16/2018 2:28:04 PM



#37
 Ethyl Acetate
 Concen: 2.21 ug/l
 RT: 4.88 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.3	11.4	17.2
70	9.1	9.0	13.6





#38

Carbon Tetrachloride

Concen: 2.01 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

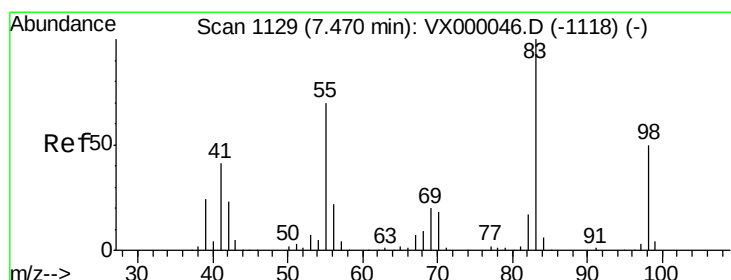
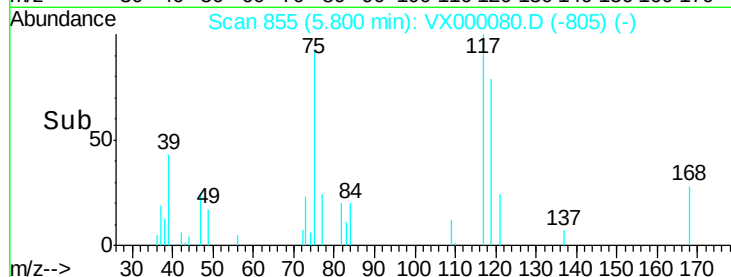
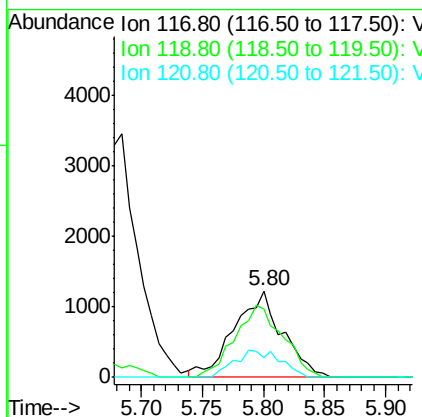
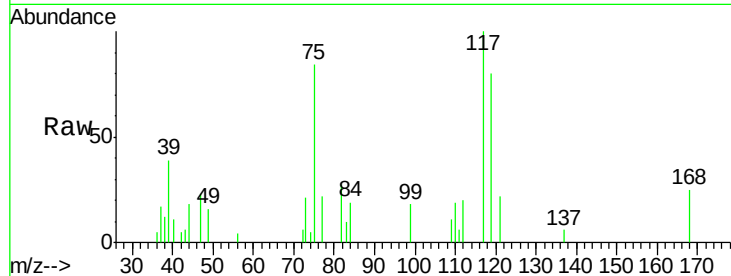
ClientSampled :

MDL05 2.00PPB

Tot Ion:	117	Resp:	3355
Ion Ratio	Lower	Upper	
117	100		
119	79.5	76.9	115.3
121	22.3	25.8	38.8#

Manual Integrations
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2/16/2018 2:28:04 PM



#39

Methylcyclohexane

Concen: 1.83 ug/l

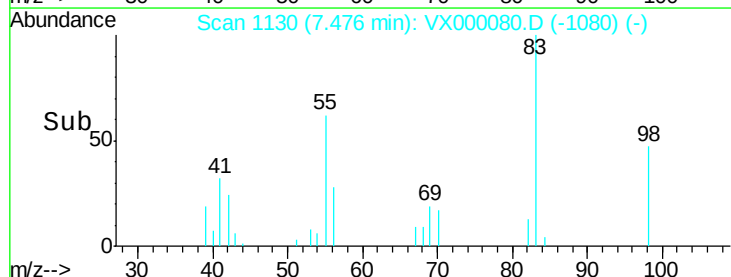
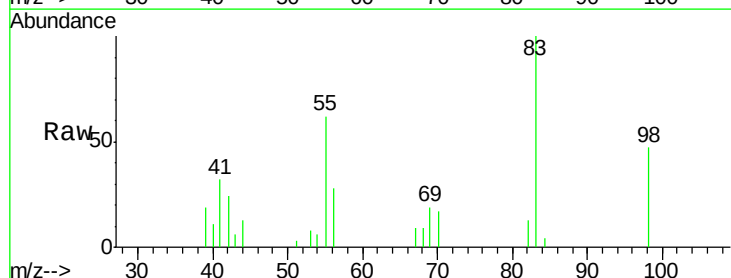
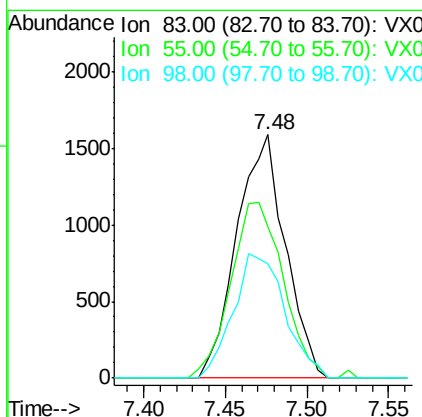
RT: 7.48 min Scan# 1130

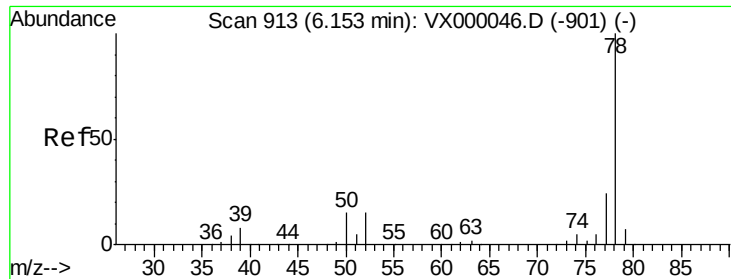
Delta R.T. 0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	83	Resp:	3289
Ion Ratio	Lower	Upper	
83	100		
55	62.2	55.7	83.5
98	47.1	39.7	59.5





#40

Benzene

Concen: 2.05 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 78 Resp: 8592

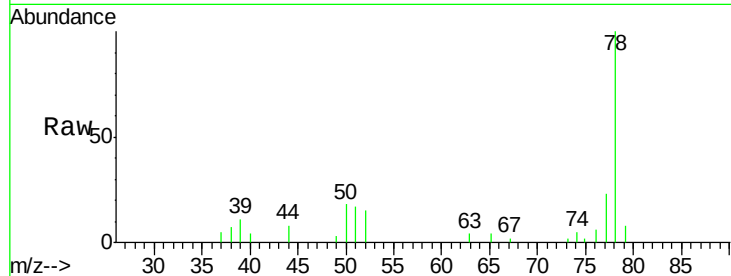
Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.2

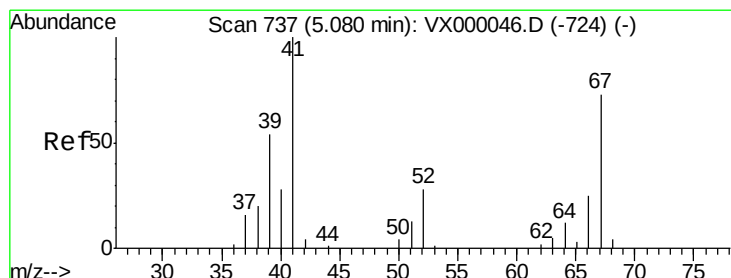
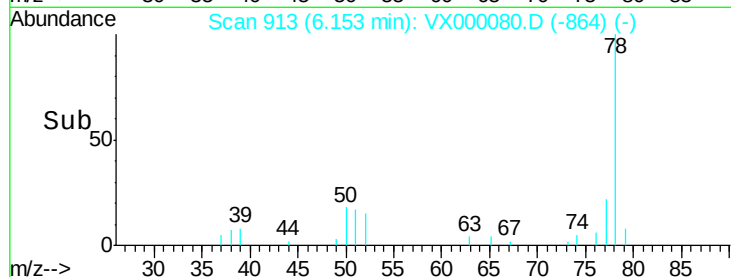
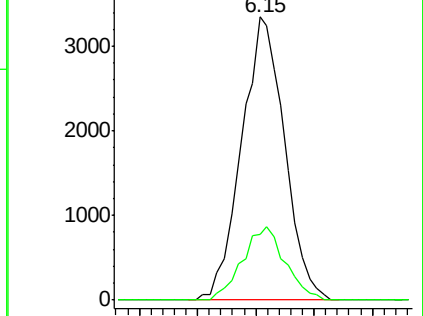
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.30 ug/l

RT: 5.07 min Scan# 736

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion: 41 Resp: 2262

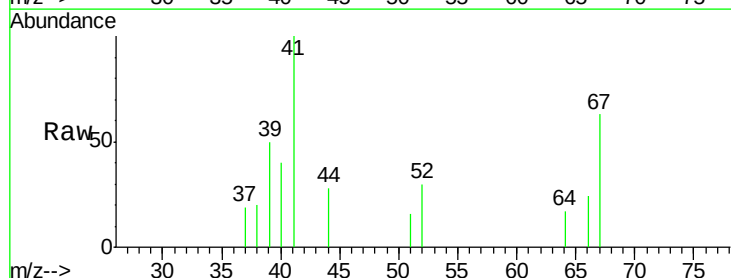
Ion Ratio Lower Upper

41 100

39 62.6 45.8 68.8

67 70.3 60.6 91.0

52 30.5 25.4 38.2

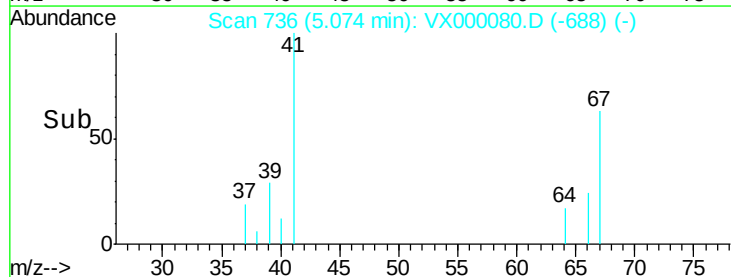
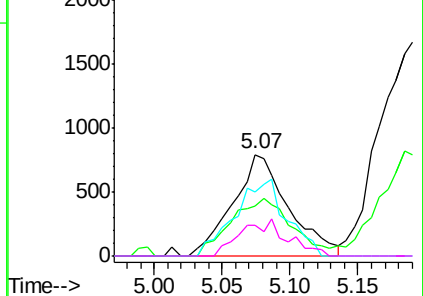


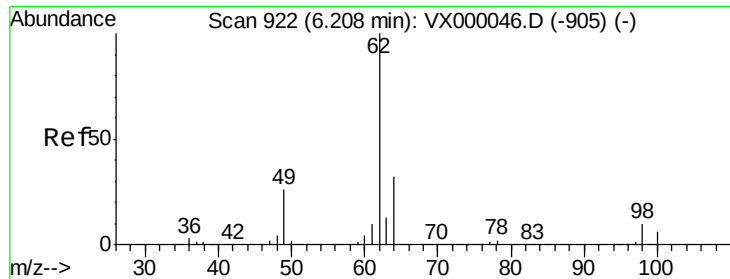
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





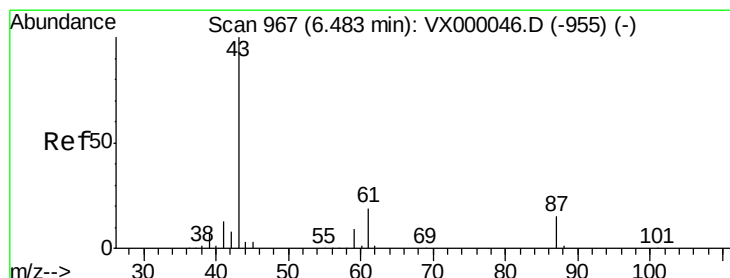
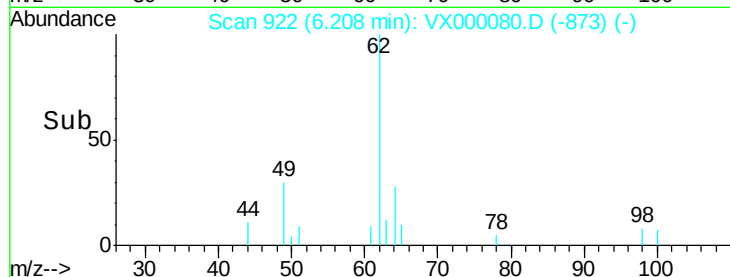
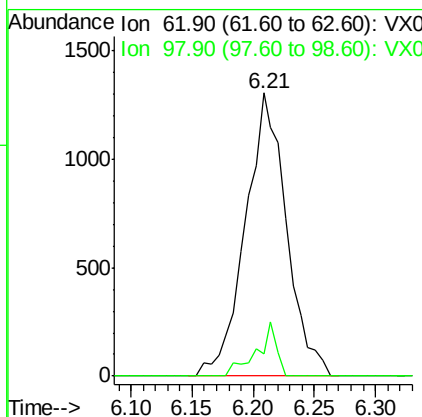
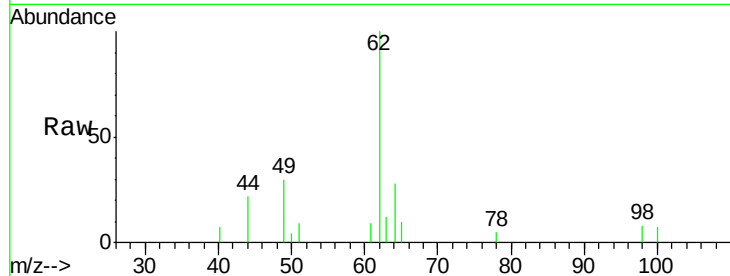
#42
 1,2-Dichloroethane
 Concen: 2.04 ug/l
 RT: 6.21 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6

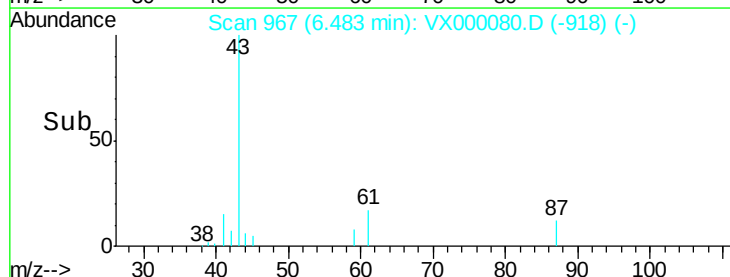
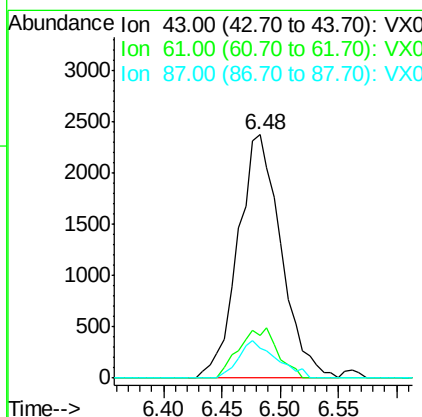
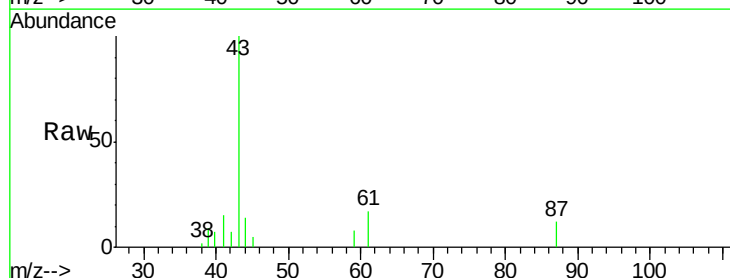
Manual Integrations
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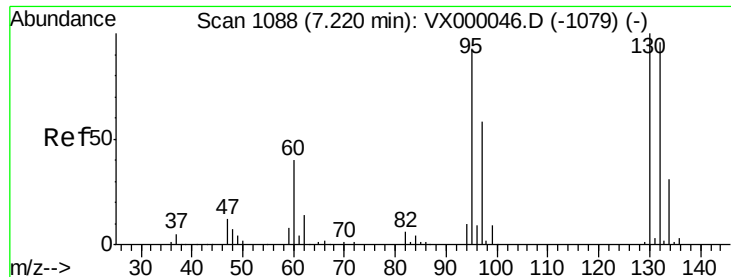
MMDadoda
 2/16/2018 2:28:04 PM



#43
 Isopropyl Acetate
 Concen: 2.11 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.9	23.9
87	13.5	11.8	17.6





#44

Trichloroethene

Concen: 1.97 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion:130 Resp: 2554

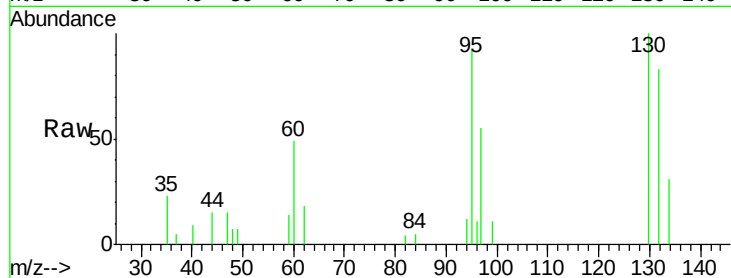
Ion Ratio Lower Upper

130 100

95 92.5 0.0 185.2

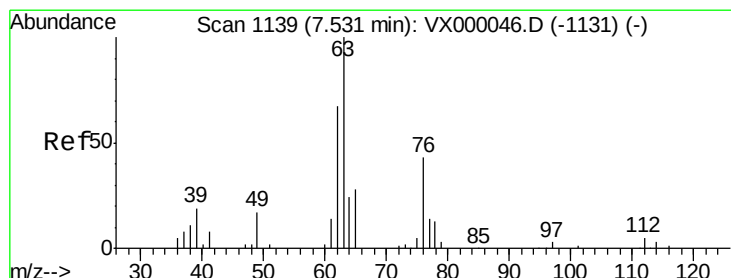
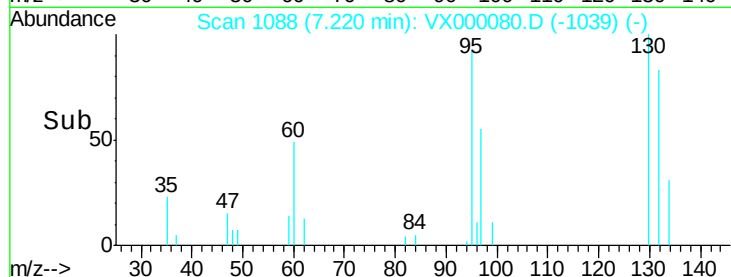
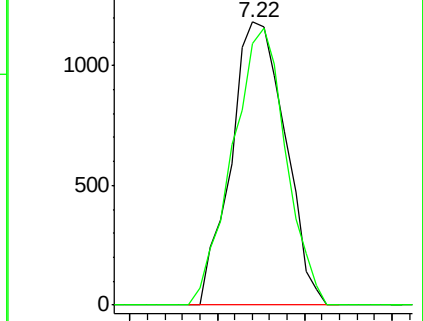
Manual Integrations
APPROVED

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2/16/2018 2:28:04 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 2.18 ug/l

RT: 7.53 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VX000080.D

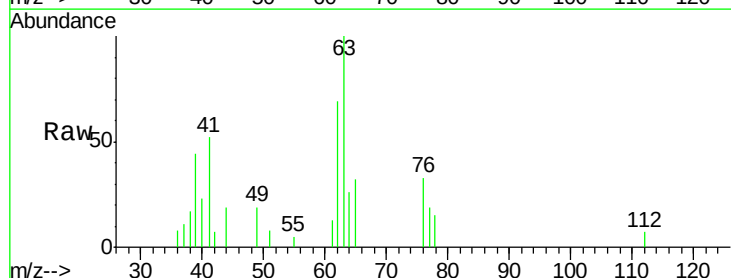
Acq: 13 Feb 2018 17:20

Tgt Ion: 63 Resp: 2225

Ion Ratio Lower Upper

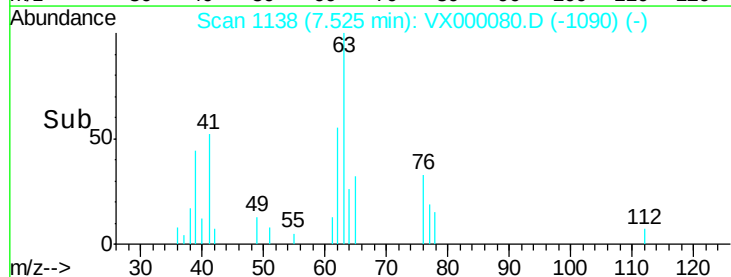
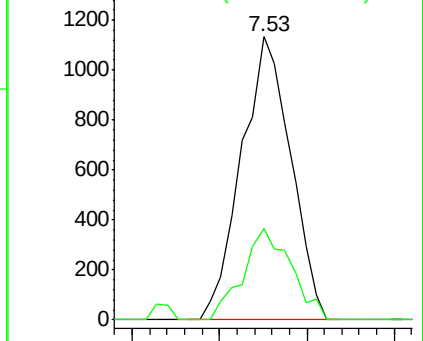
63 100

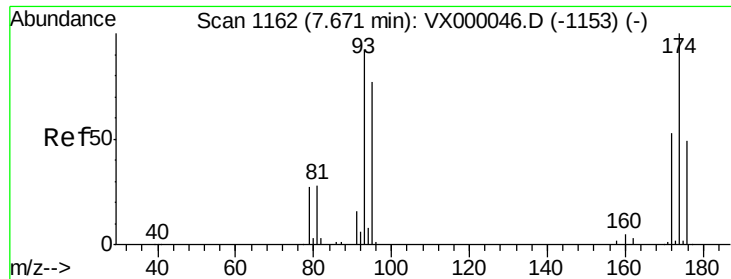
65 32.3 23.7 35.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





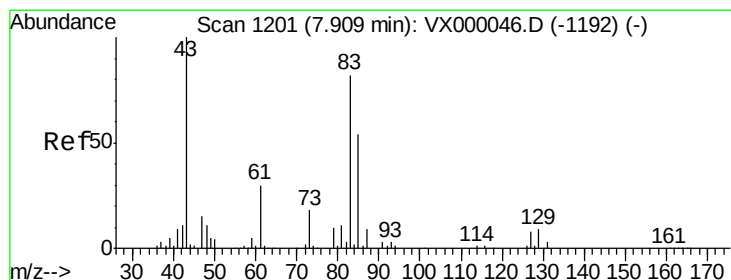
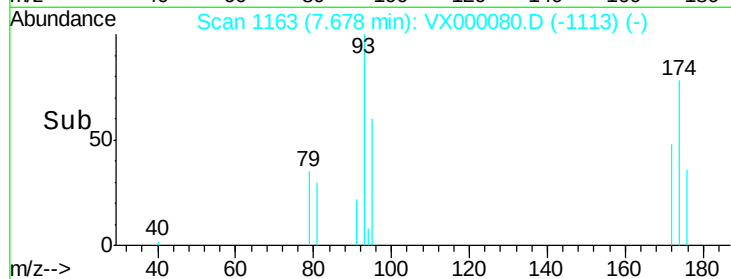
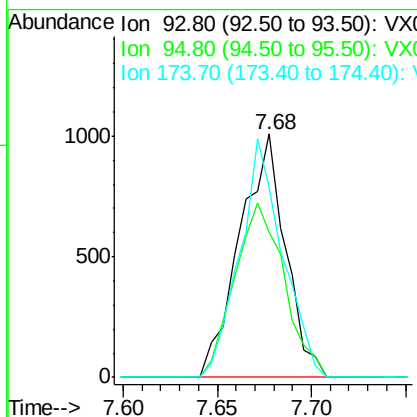
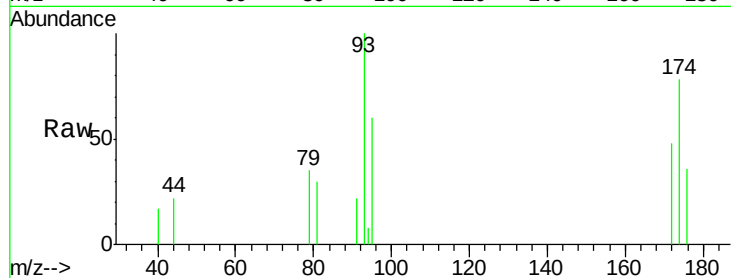
#46
Dibromomethane
Concen: 2.15 ug/l
RT: 7.68 min Scan# 1163
Delta R.T. 0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
93	100		
95	77.9	66.3	99.5
174	92.4	90.4	135.6

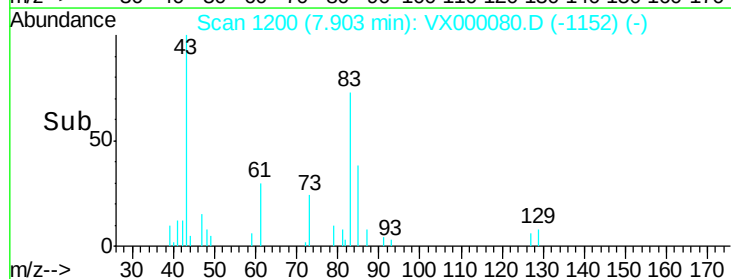
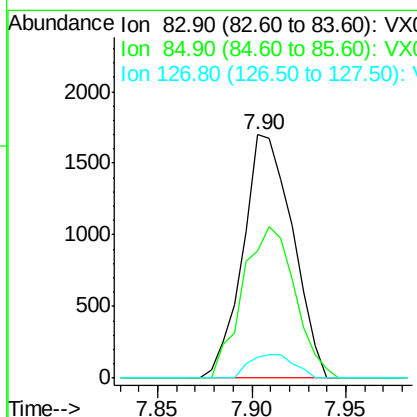
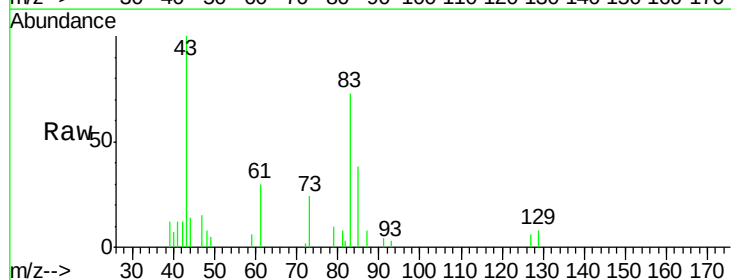
Manual Integrations
APPROVED

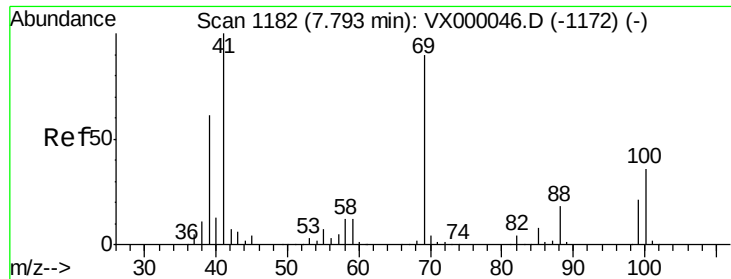
MMDadoda
2/16/2018 2:28:04 PM



#47
Bromodichloromethane
Concen: 2.03 ug/l
RT: 7.90 min Scan# 1200
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.0	52.3	78.5#
127	8.5	7.4	11.0





#48

Methvl methacrylate

Concen: 2.07 ug/l

RT: 7.79 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

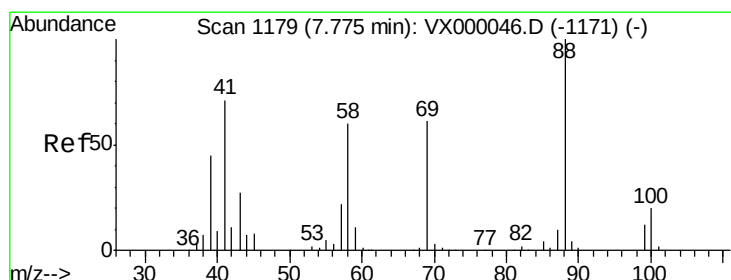
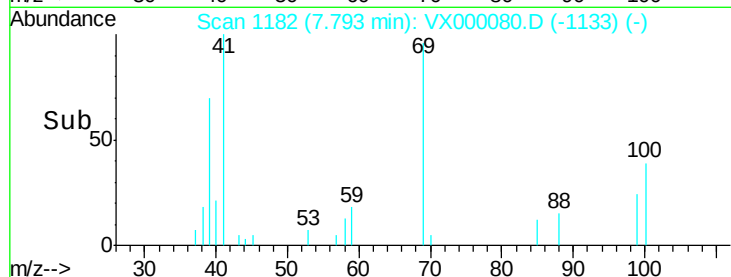
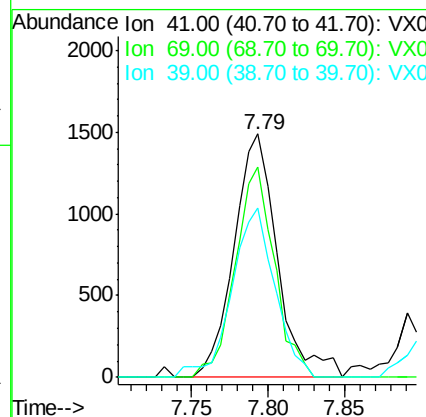
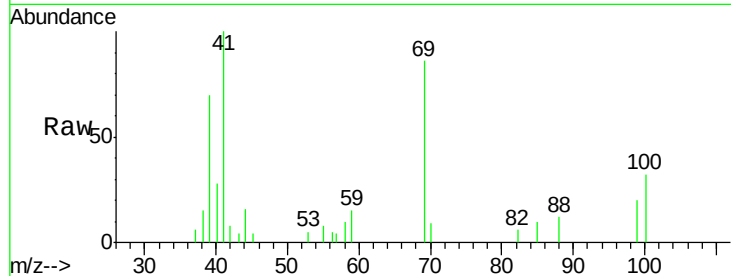
ClientSampled :

MDL05 2.00PPB

Tot Ion:	41	Resp:	2943
Ion	Ratio	Lower	Upper
41	100		
69	77.6	72.1	108.1
39	68.4	49.6	74.4

Manual Integrations
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MMDadoda
2/16/2018 2:28:04 PM



#49

1,4-Dioxane

Concen: 37.35 ug/l

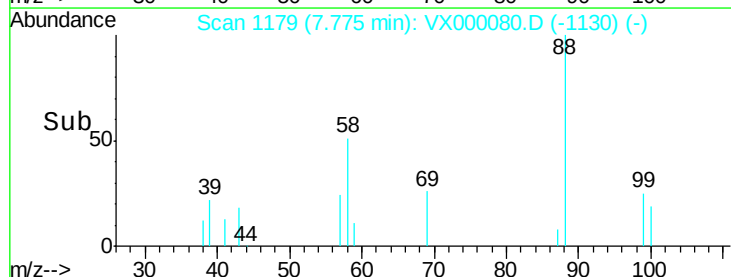
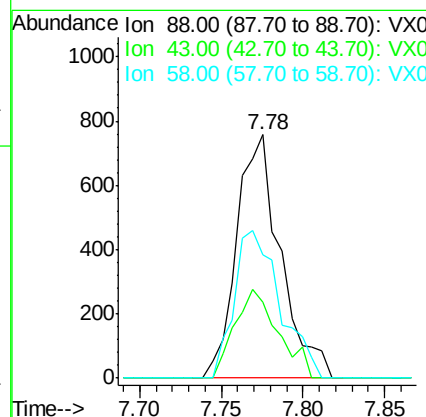
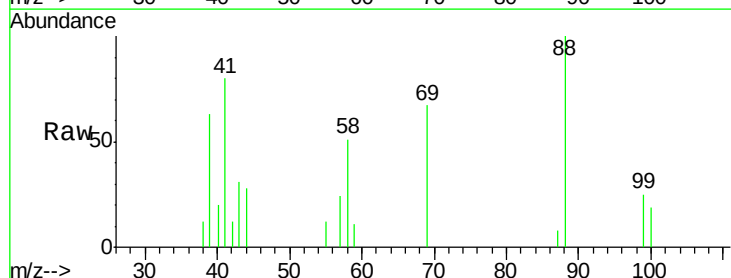
RT: 7.78 min Scan# 1179

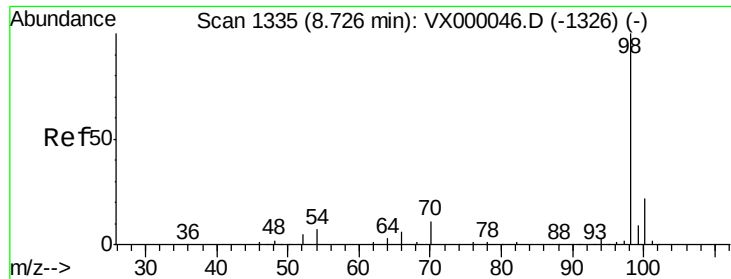
Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	88	Resp:	1411
Ion	Ratio	Lower	Upper
88	100		
43	36.4	22.6	33.8#
58	63.9	49.4	74.2





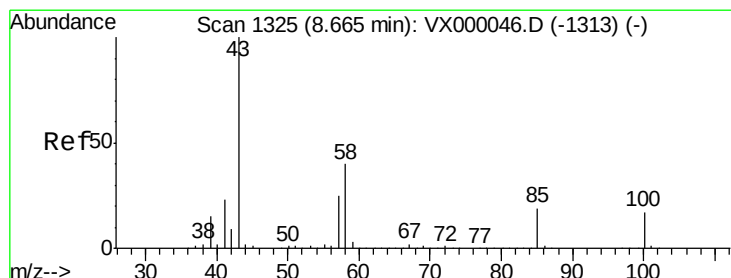
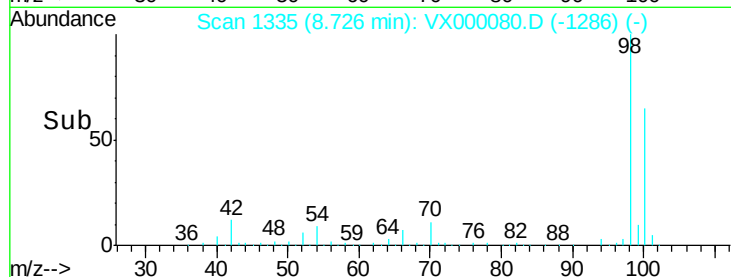
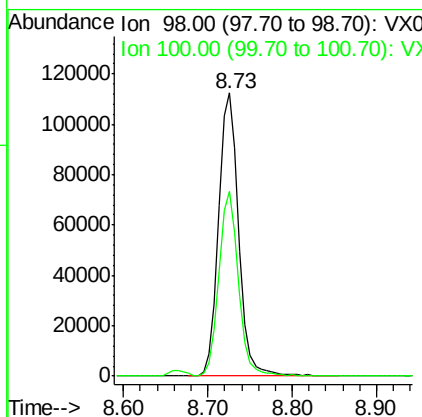
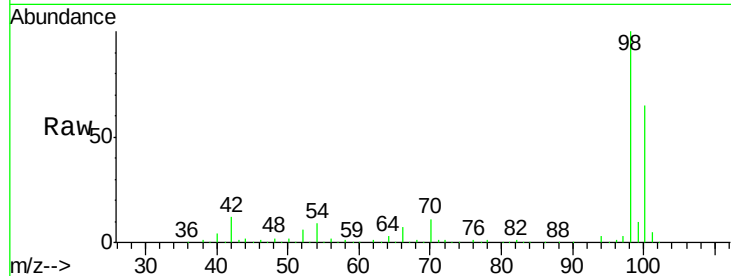
#50
Toluene-d8
Concen: 50.24 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion: 98 Resp: 186092
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

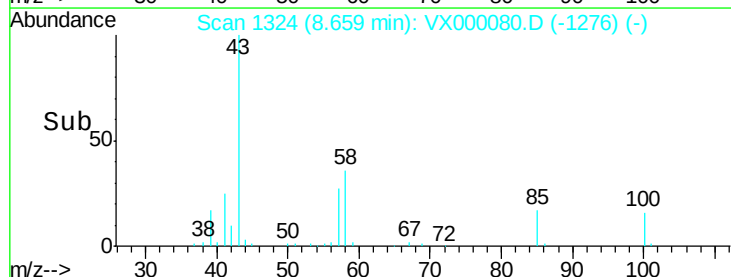
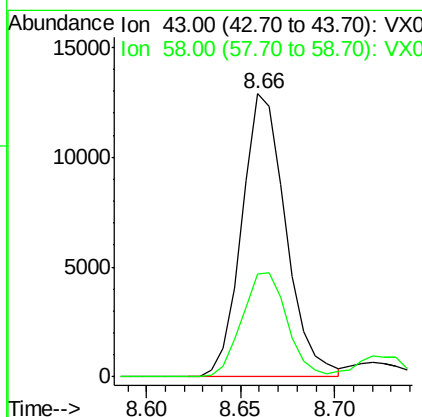
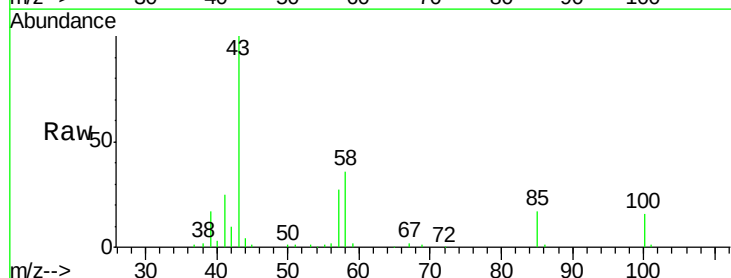
Manual Integrations
APPROVED

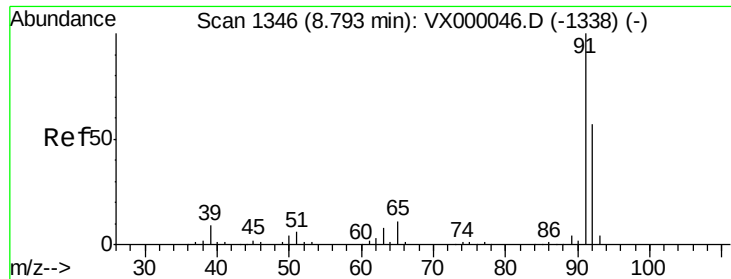
MMDadoda
2/16/2018 2:28:04 PM



#51
4-Methyl-2-Pentanone
Concen: 10.40 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion: 43 Resp: 20934
Ion Ratio Lower Upper
43 100
58 37.5 32.1 48.1





#52

Toluene

Concen: 2.03 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 92 Resp: 5708

Ion Ratio Lower Upper

92 100

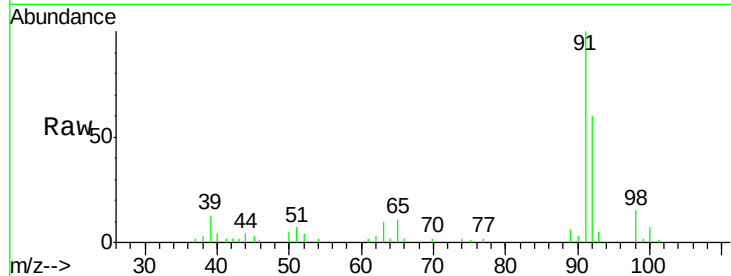
91 172.7 139.8 209.6

Manual Integrations

APPROVED

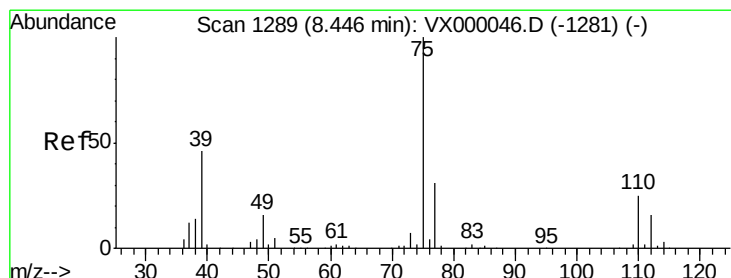
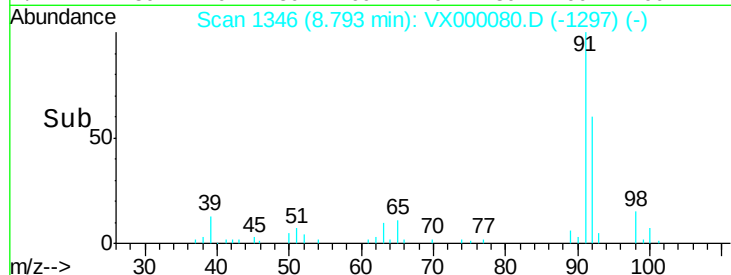
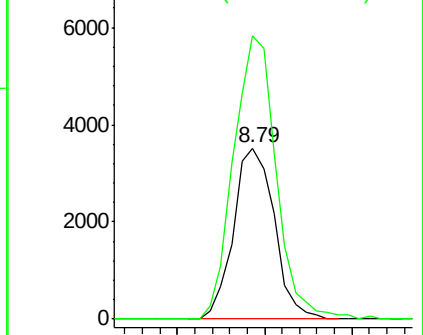
MMDadoda

2/16/2018 2:28:04 PM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.85 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX000080.D

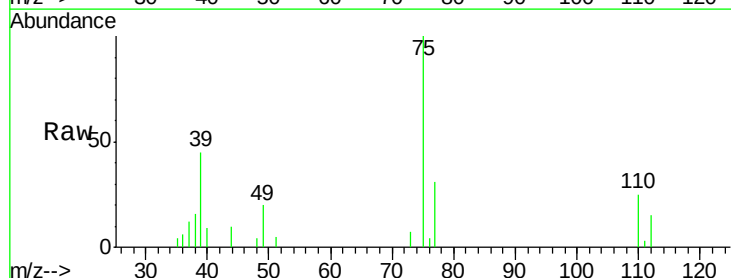
Acq: 13 Feb 2018 17:20

Tgt Ion: 75 Resp: 3320

Ion Ratio Lower Upper

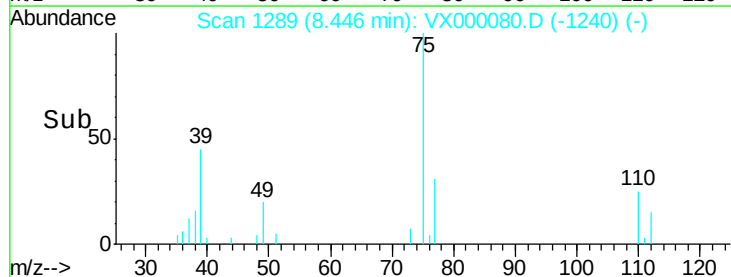
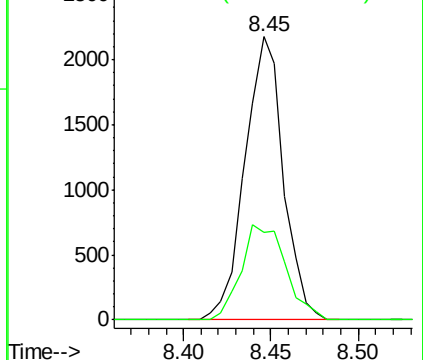
75 100

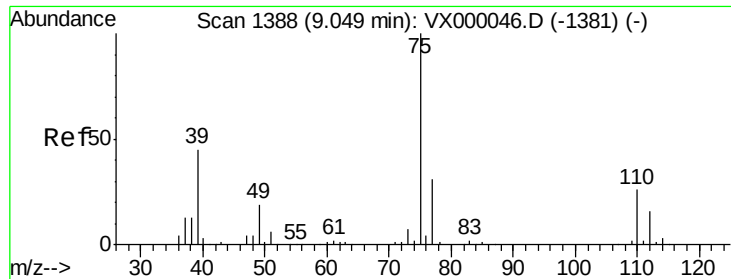
77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

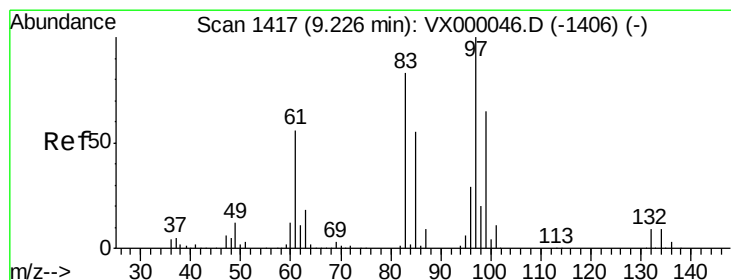
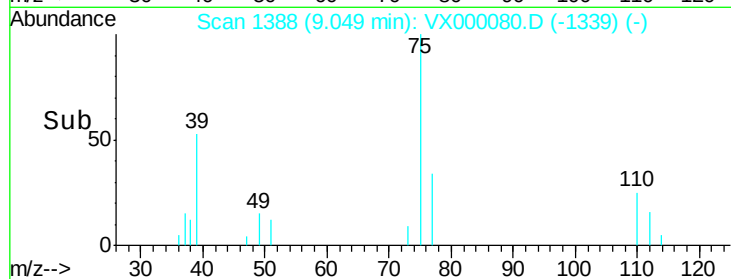
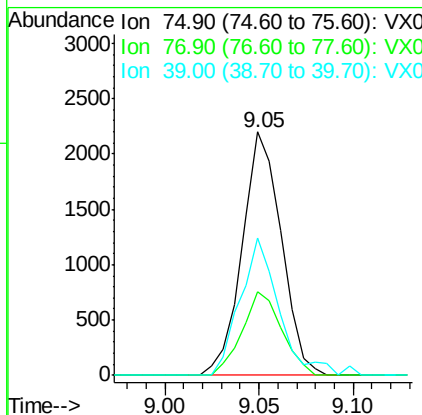
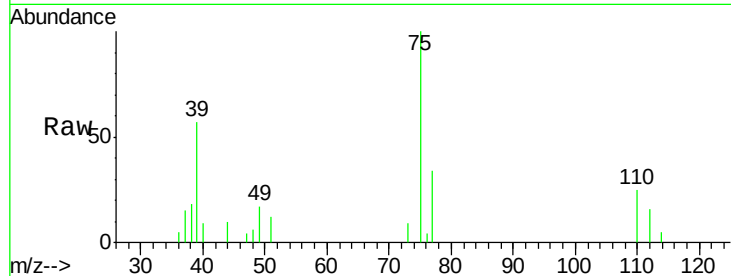
cis-1,3-Dichloropropene
Concen: 1.82 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.5	25.1	37.7
39	56.5	36.1	54.1#

Manual Integrations
APPROVED

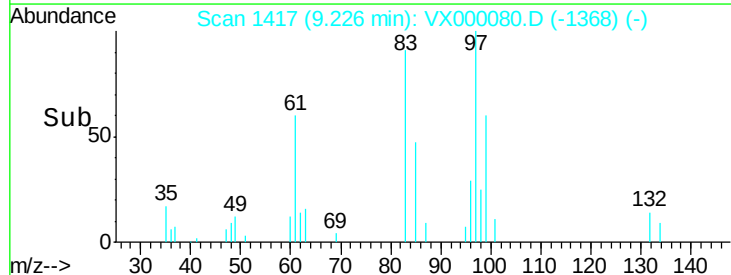
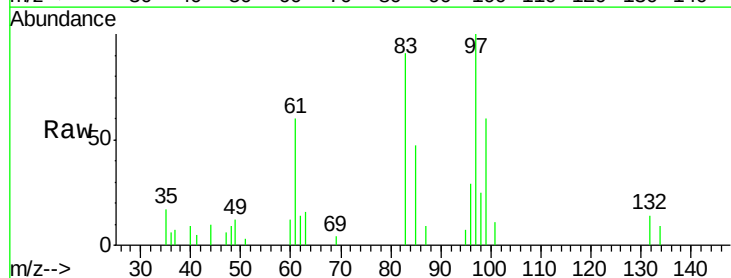
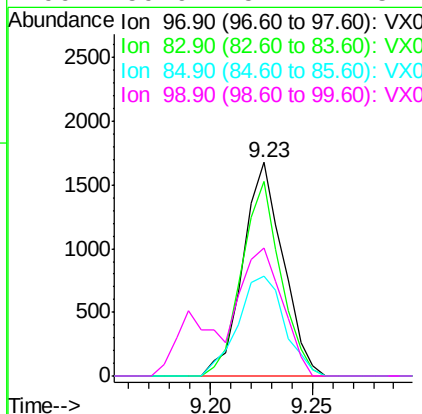
MMDadoda
2/16/2018 2:28:04 PM

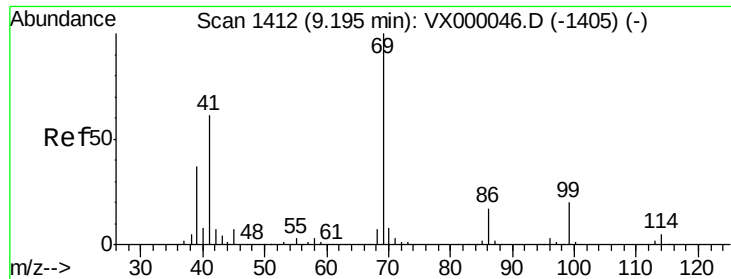


#55

1,1,2-Trichloroethane
Concen: 1.95 ug/l
RT: 9.23 min Scan# 1417
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.8	66.5	99.7
85	46.6	43.8	65.6
99	59.9	52.2	78.4





#56

Ethyl methacrylate

Concen: 1.85 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

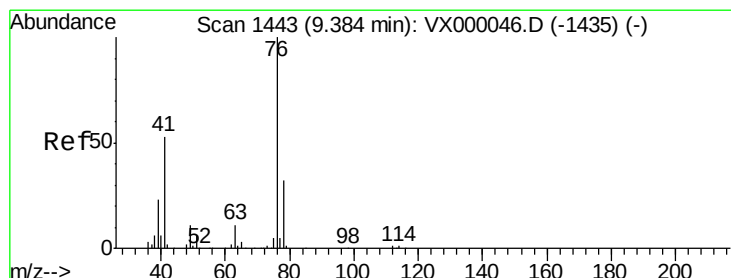
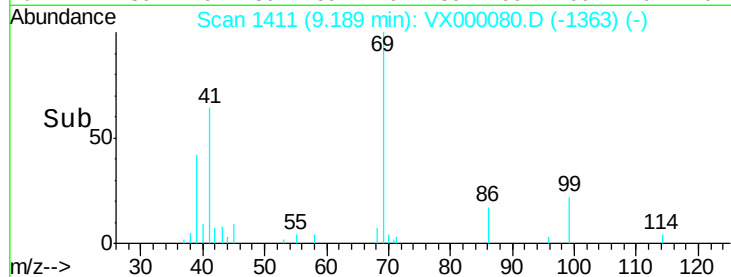
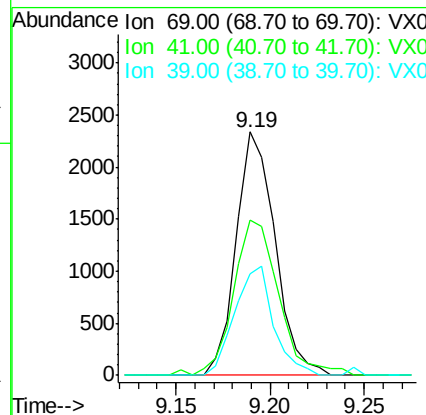
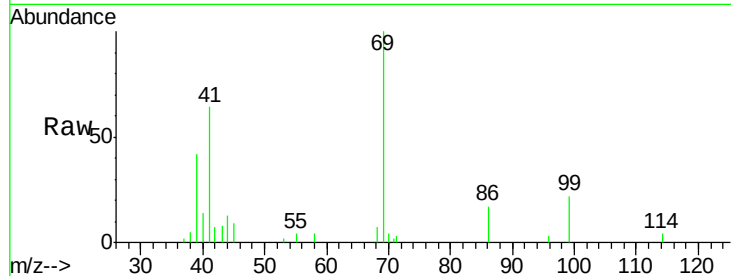
ClientSampled :

MDL05 2.00PPB

Tot Ion:	69	Resp:	3356
Ion Ratio	Lower	Upper	
69	100		
41	74.3	49.5	74.3#
39	44.7	29.9	44.9

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:04 PM



#57

1,3-Dichloropropane

Concen: 2.09 ug/l

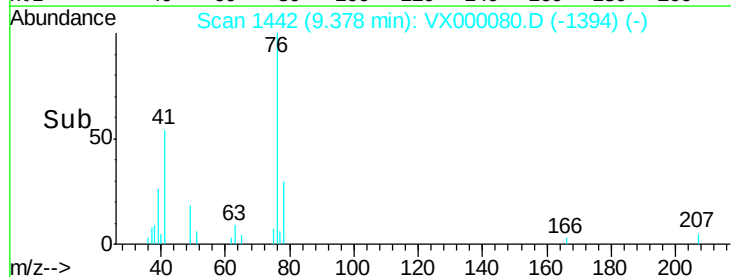
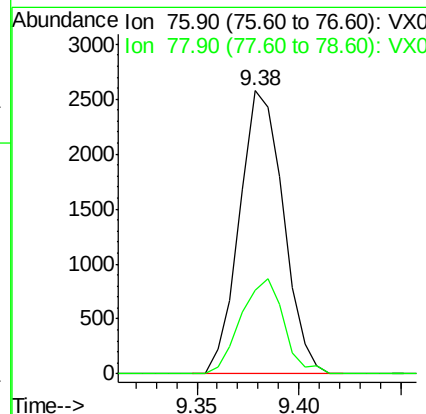
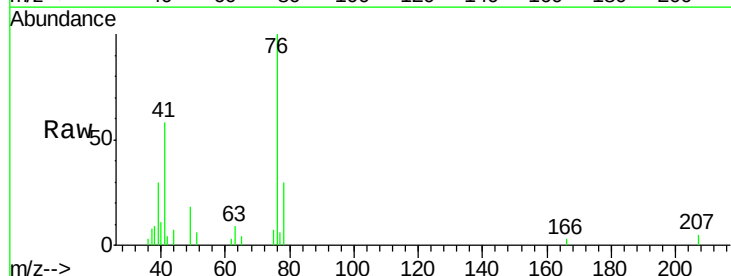
RT: 9.38 min Scan# 1442

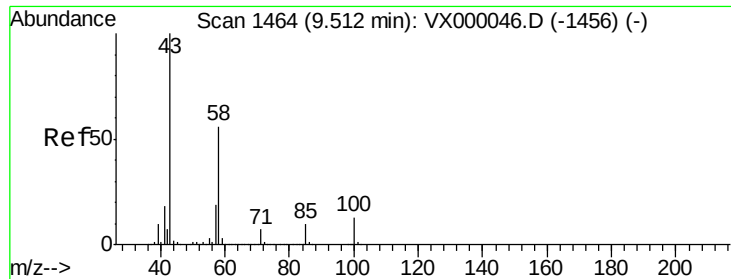
Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	76	Resp:	3845
Ion Ratio	Lower	Upper	
76	100		
78	33.0	25.9	38.9





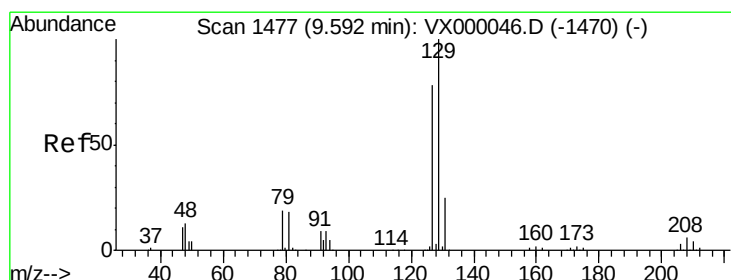
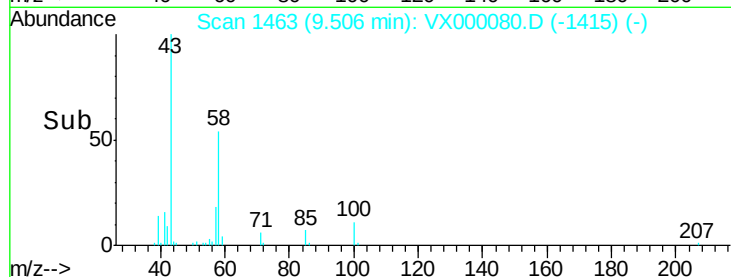
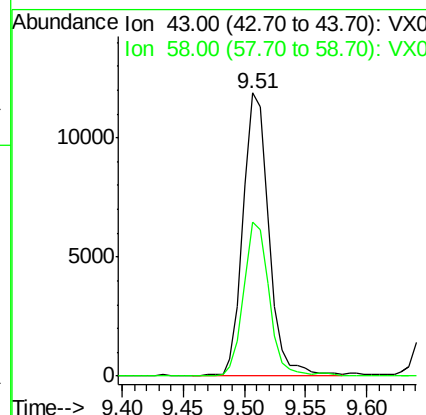
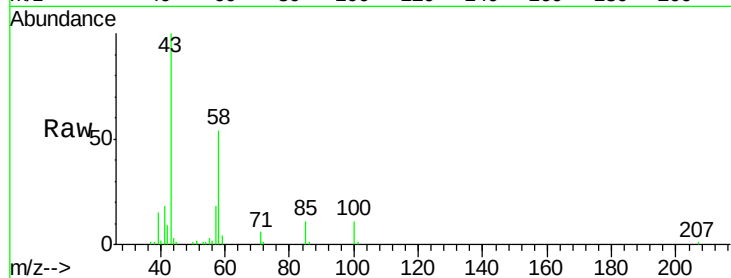
#59
2-Hexanone
Concen: 10.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion: 43 Resp: 17449
Ion Ratio Lower Upper
43 100
58 53.1 27.6 82.7

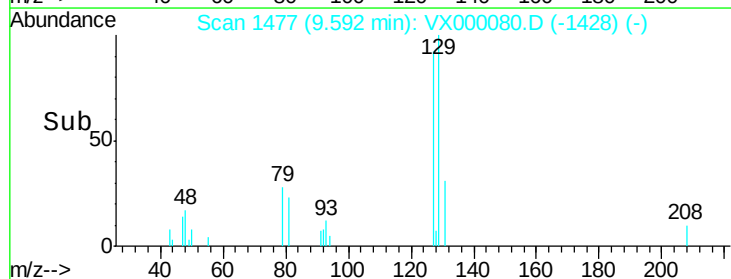
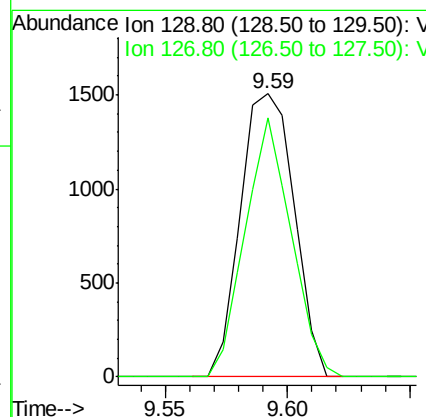
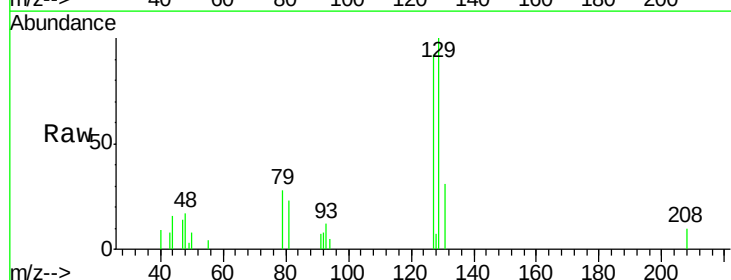
Manual Integrations
APPROVED

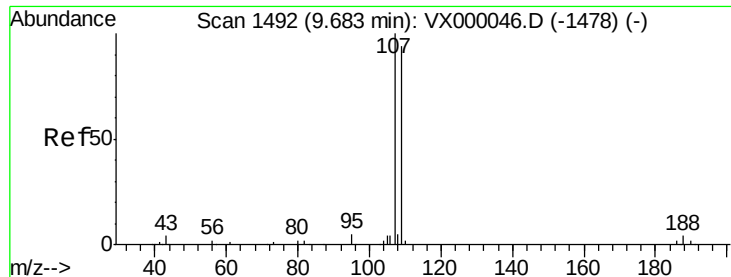
MMDadoda
2/16/2018 2:28:04 PM



#60
Dibromochloromethane
Concen: 1.70 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion:129 Resp: 2306
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 1.95 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion:107 Resp: 2539

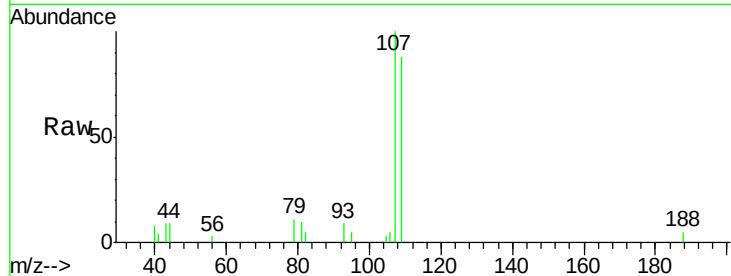
Ion Ratio Lower Upper

107 100

109 93.9 74.6 111.8

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:04 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

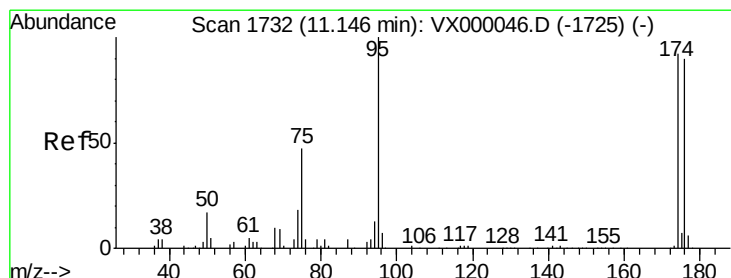
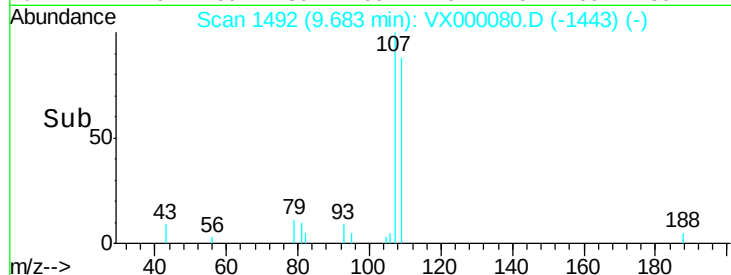
1500

1000

500

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.80 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

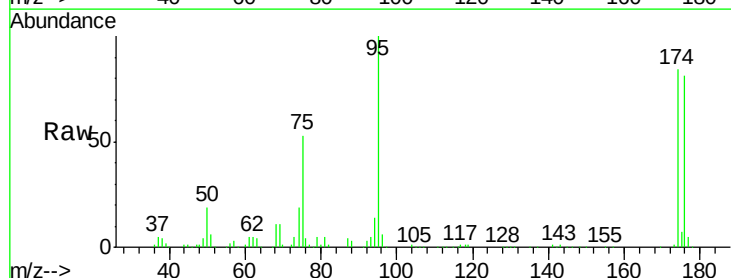
Tgt Ion: 95 Resp: 73502

Ion Ratio Lower Upper

95 100

174 88.3 0.0 185.6

176 84.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

80000

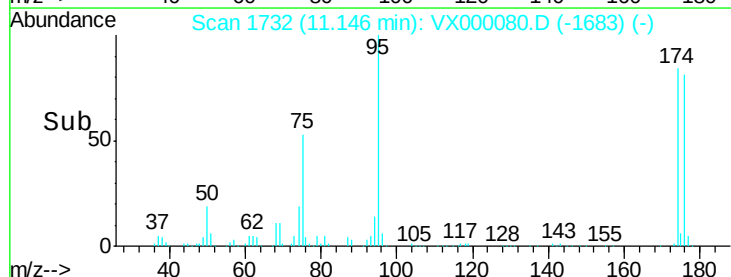
60000

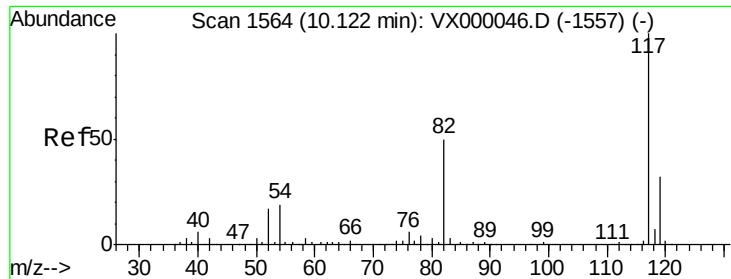
40000

20000

0

Time-->





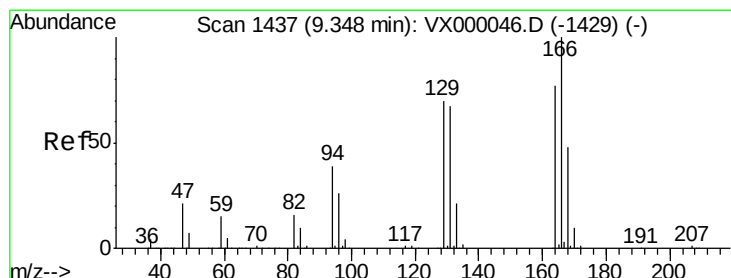
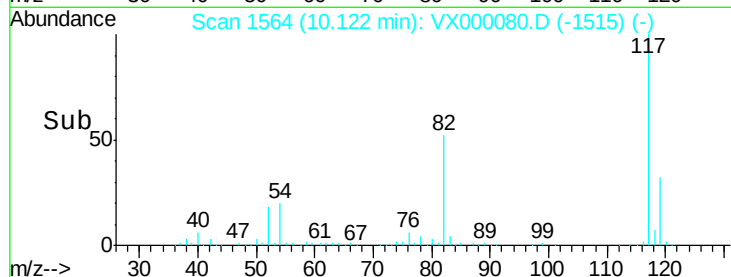
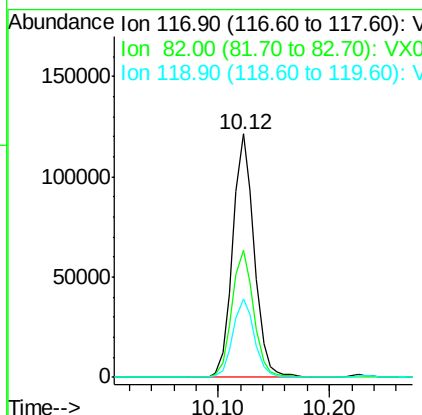
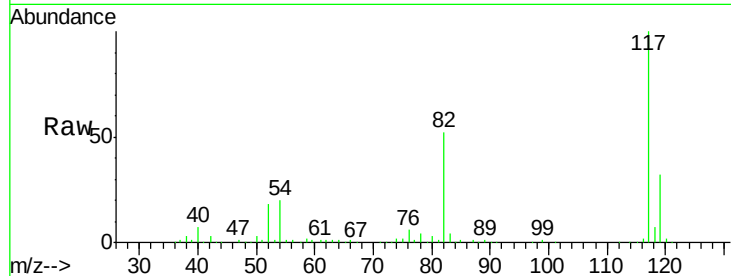
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
Client Sampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.3	60.5
119	32.3	25.3	37.9

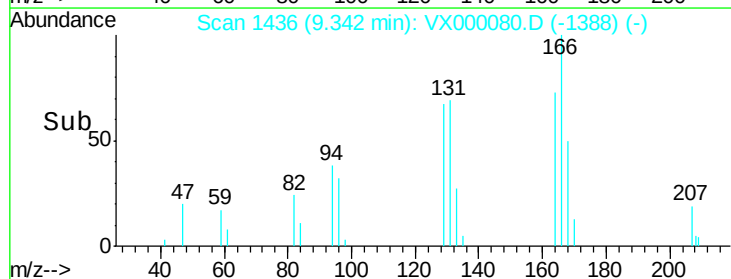
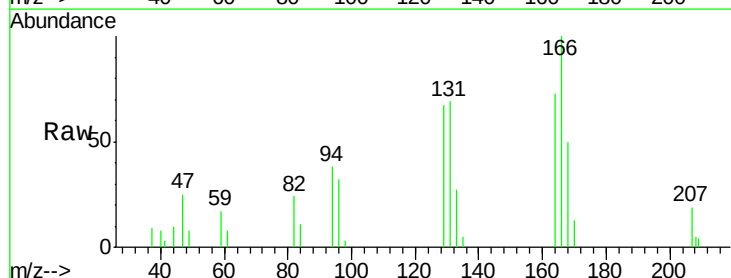
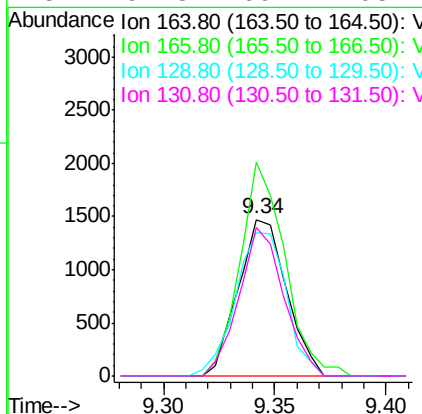
Manual Integrations
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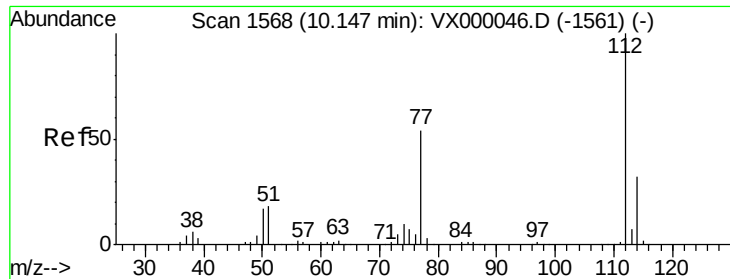
MMDadoda
2/16/2018 2:28:04 PM



#64
Tetrachloroethene
Concen: 1.85 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.6	103.7	155.5
129	92.0	72.2	108.4
131	94.8	69.1	103.7





#65

Chlorobenzene

Concen: 1.98 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion:112 Resp: 6679

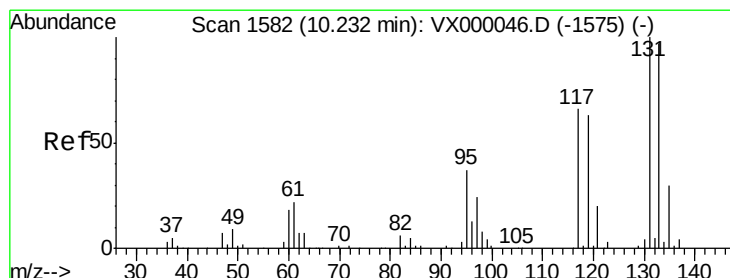
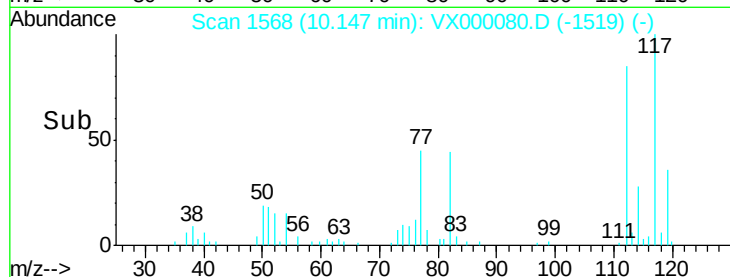
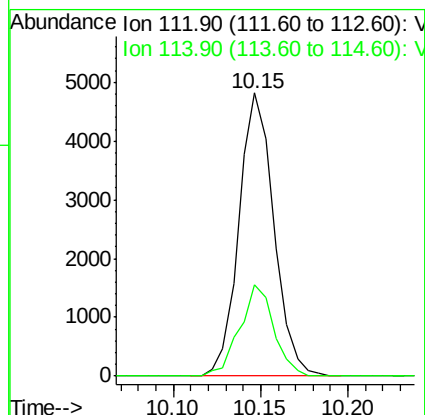
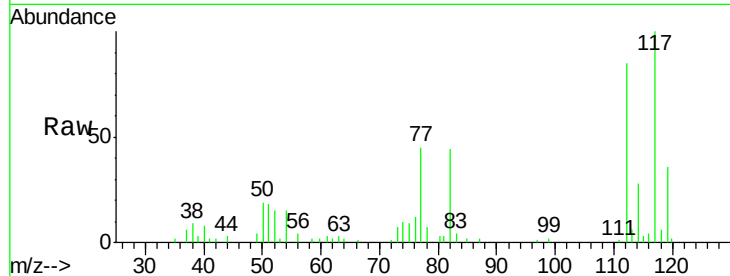
Ion Ratio Lower Upper

112 100

114 32.3 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 1.75 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

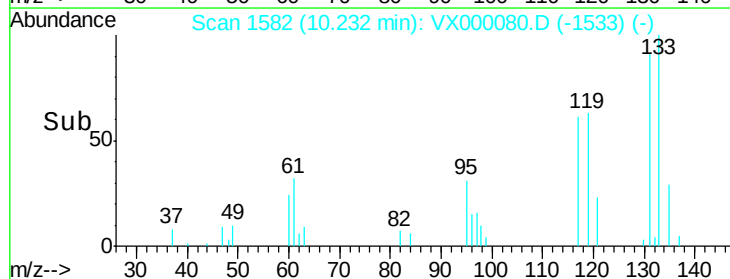
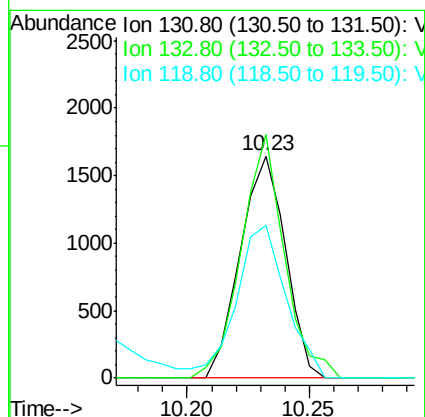
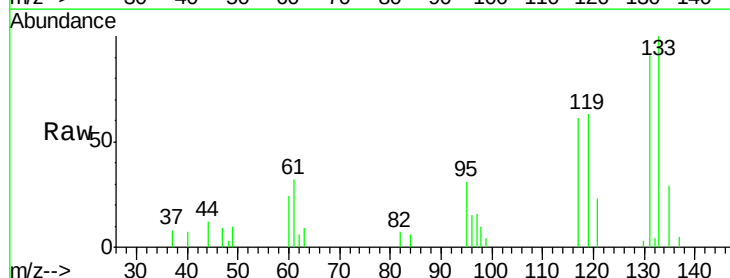
Tgt Ion:131 Resp: 2119

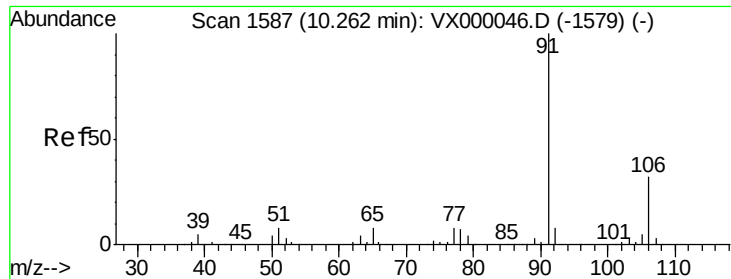
Ion Ratio Lower Upper

131 100

133 104.3 47.6 142.9

119 75.9 31.7 95.1





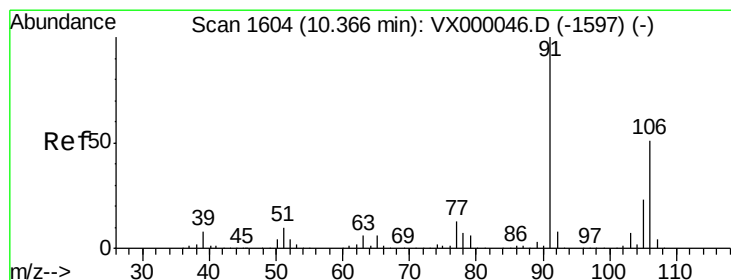
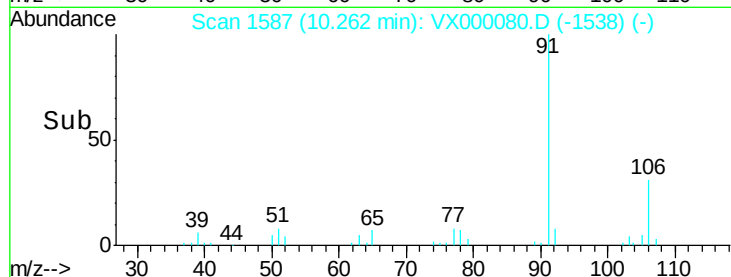
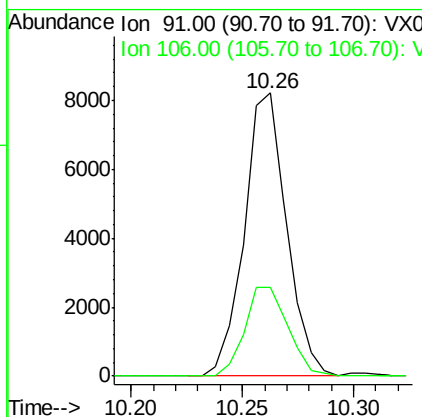
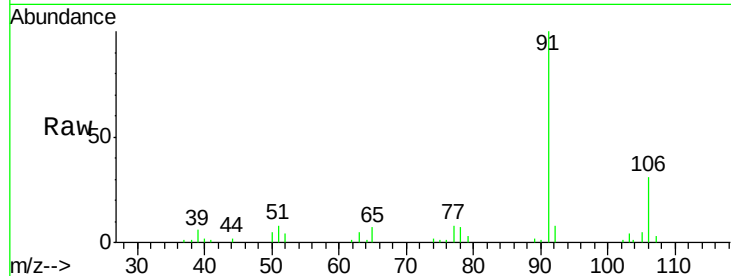
#67
Ethyl Benzene
Concen: 1.94 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
Client Sampled :
MDL05 2.00PPB

Tot Ion: 91 Resp: 10860
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9

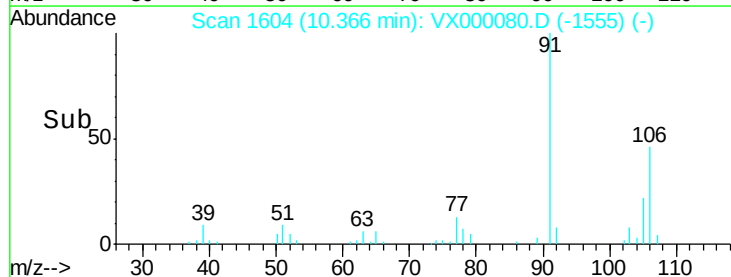
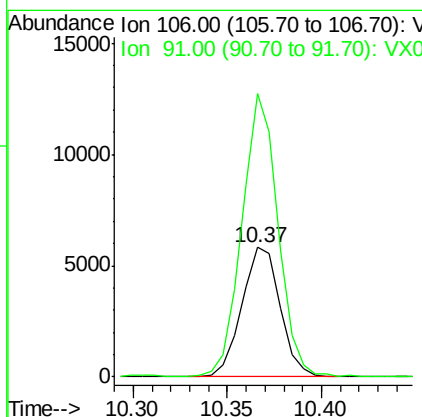
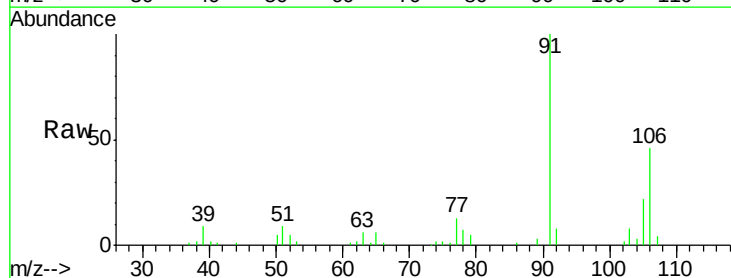
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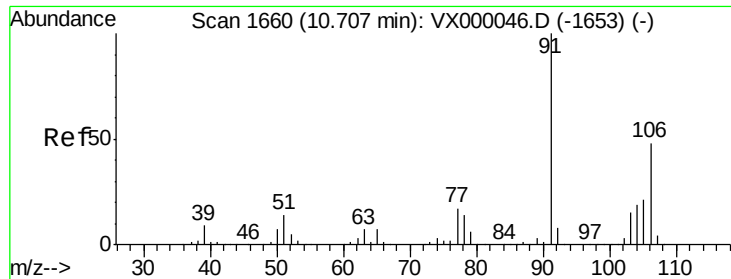
MMDadoda
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#68
m/p-Xylenes
Concen: 3.69 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion: 106 Resp: 8211
Ion Ratio Lower Upper
106 100
91 205.7 158.3 237.5





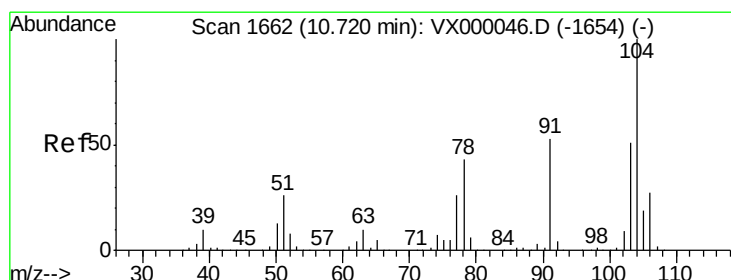
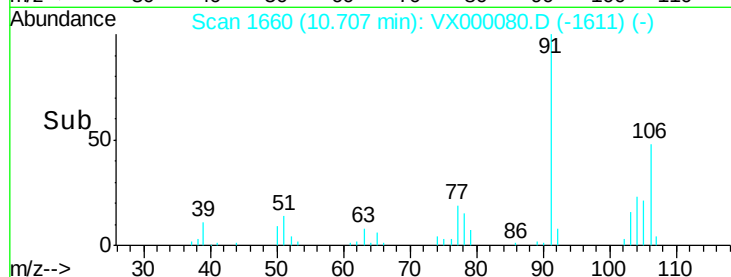
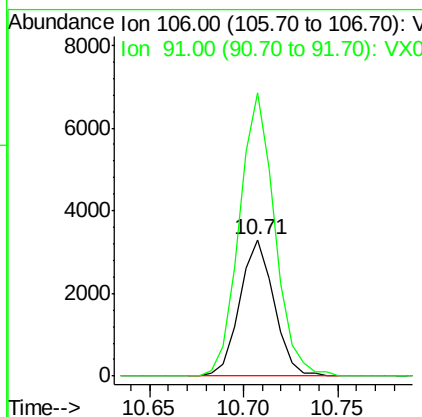
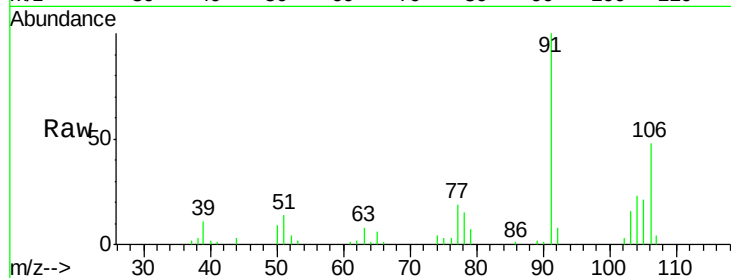
#69
o-Xylene
Concen: 1.94 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion:106 Resp: 4160
Ion Ratio Lower Upper
106 100
91 213.3 104.0 312.0

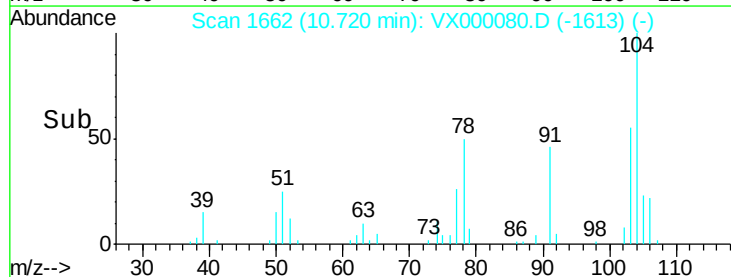
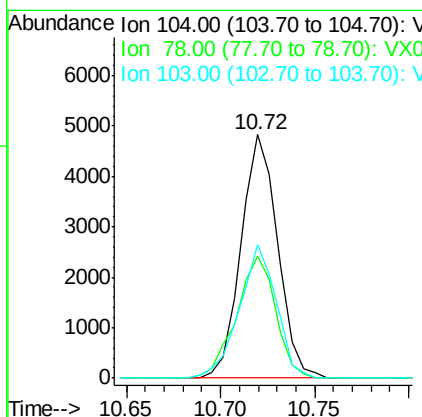
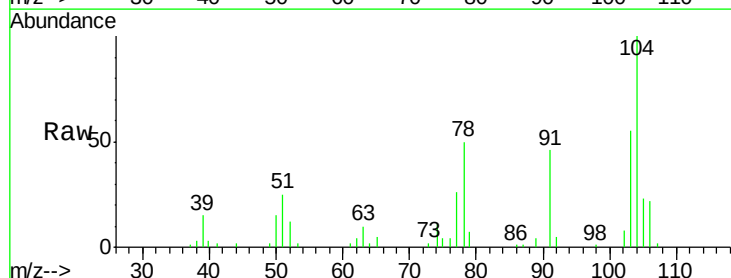
Manual Integrations
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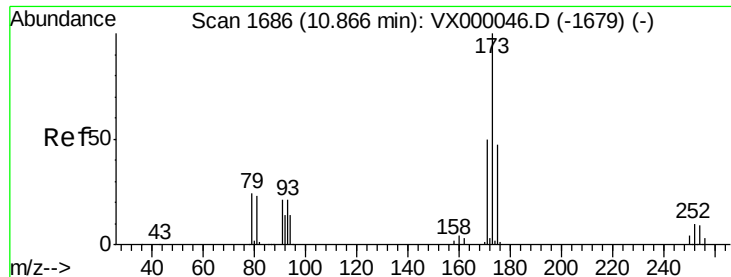
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#70
Styrene
Concen: 1.79 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion:104 Resp: 6501
Ion Ratio Lower Upper
104 100
78 53.6 37.7 56.5
103 55.3 44.0 66.0





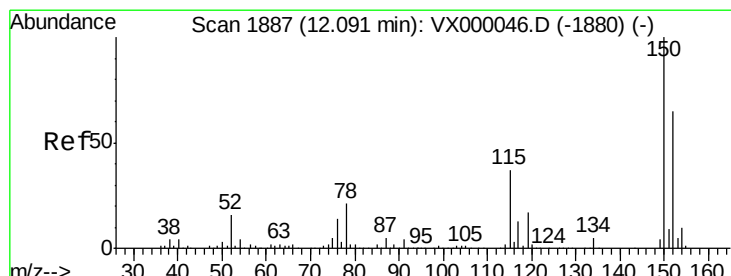
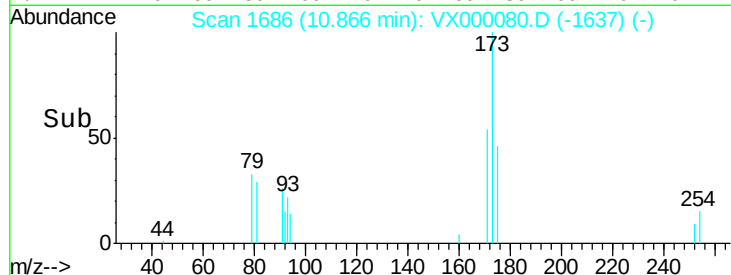
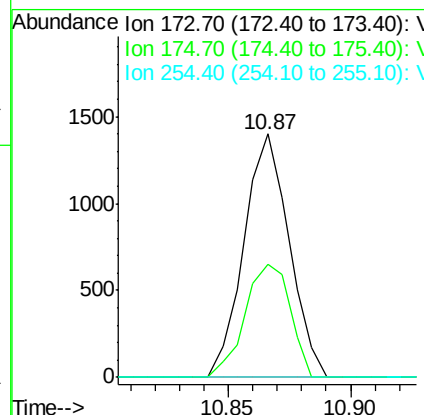
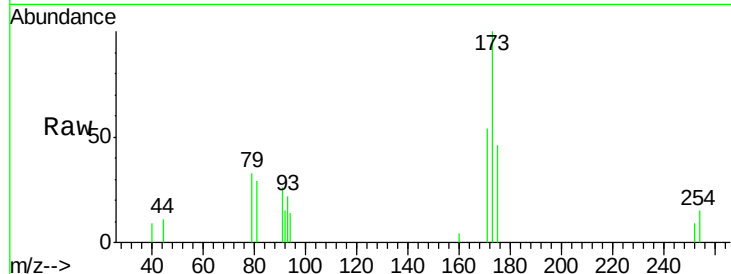
#71
Bromoform
Concen: 1.57 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.9	71.8
254	0.0	0.1	0.1

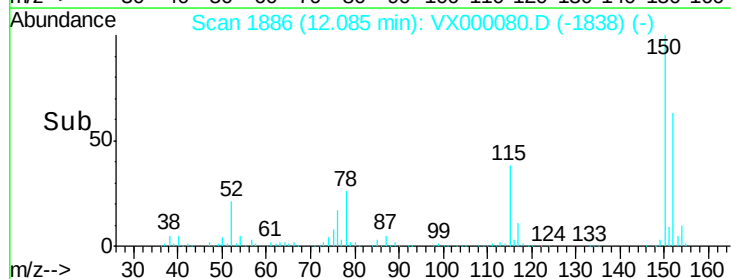
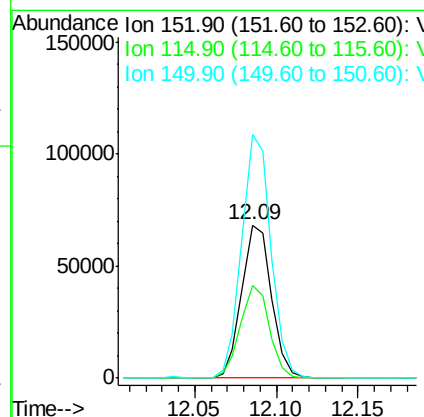
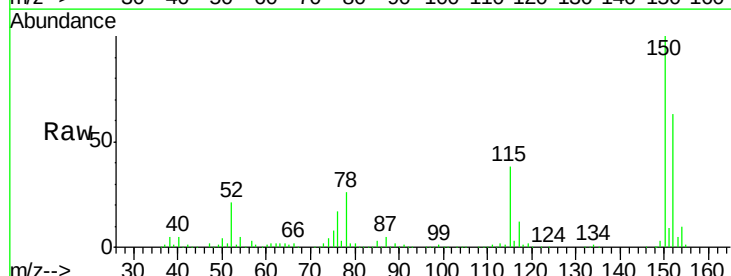
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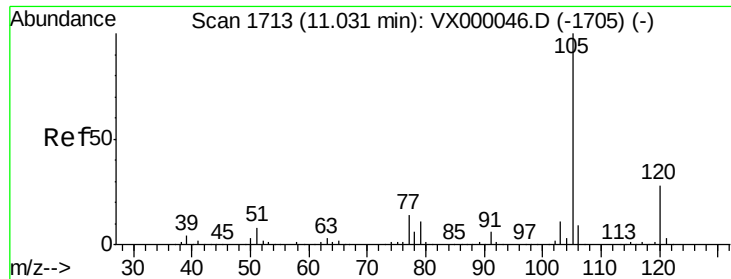
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	39.3	117.8
150	156.7	0.0	349.2





#73

Isopropylbenzene

Concen: 2.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 105 Resp: 11184

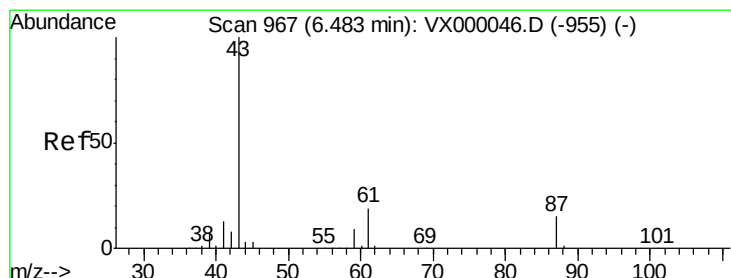
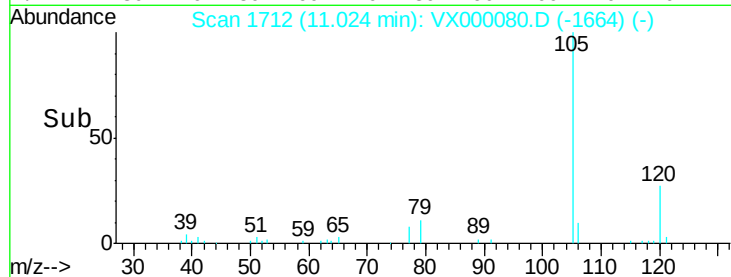
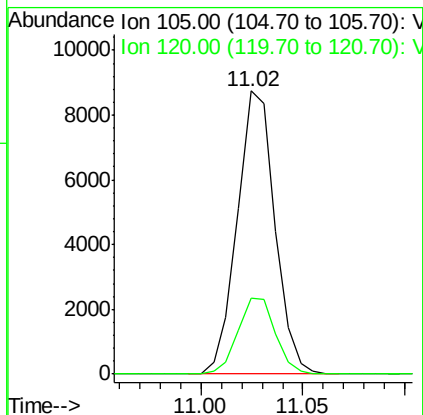
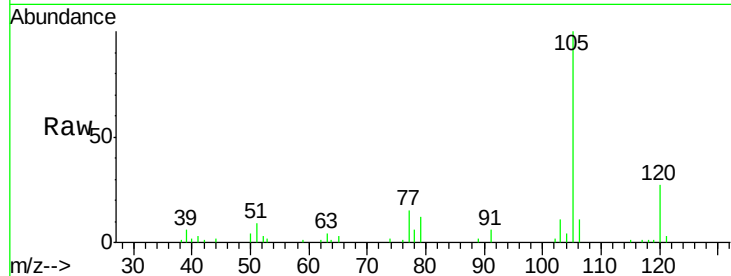
Ion Ratio Lower Upper

105 100

120 26.8 13.8 41.3

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#74

N-ethyl acetate

Concen: 2.21 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion: 43 Resp: 6103

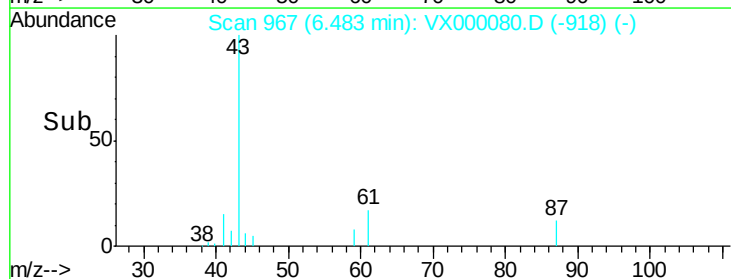
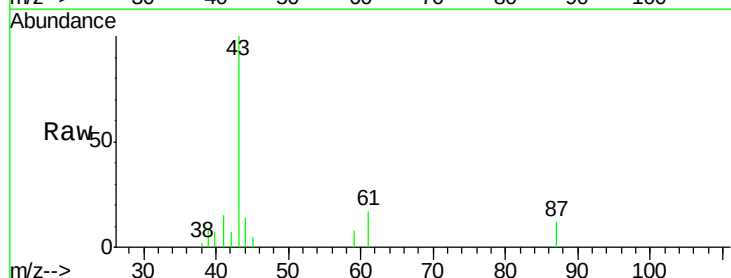
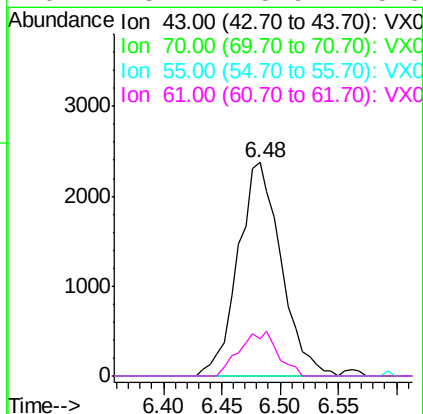
Ion Ratio Lower Upper

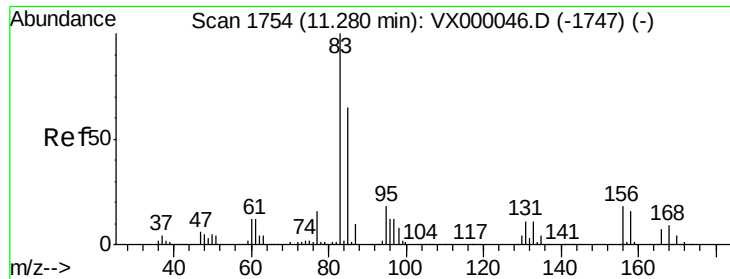
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.4 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 2.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

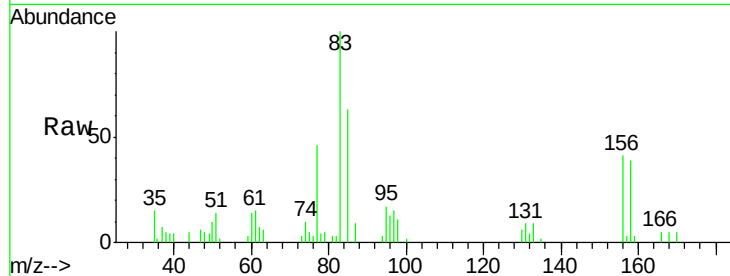
ClientSampled :

MDL05 2.00PPB

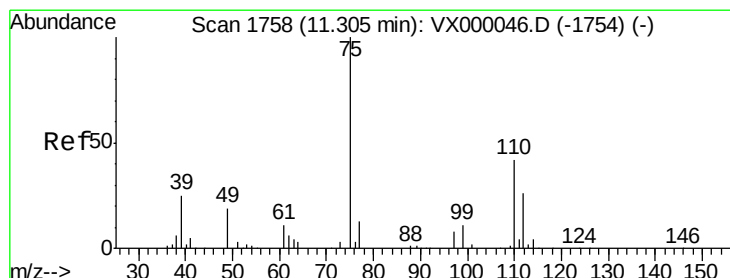
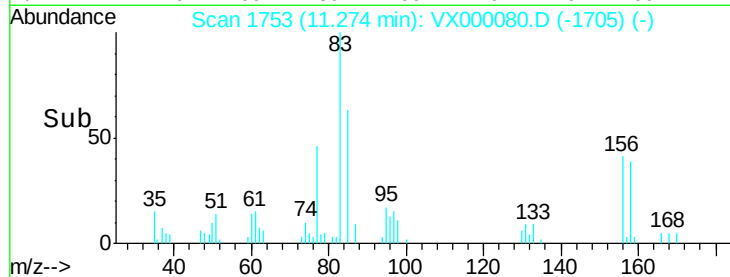
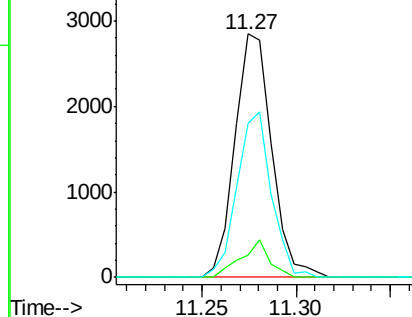
Tot Ion:	83	Resp:	3866
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.7
85	63.5	32.6	97.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 2.85 ug/l

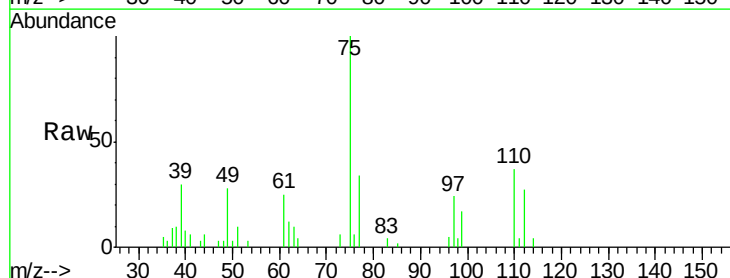
RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

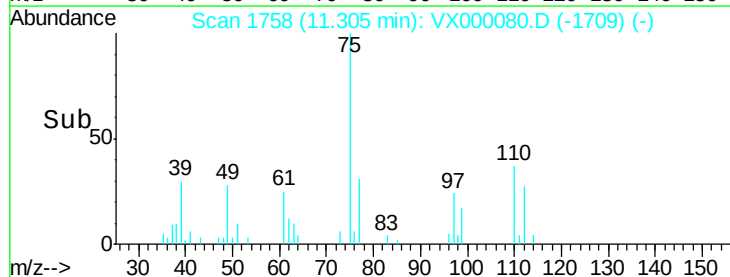
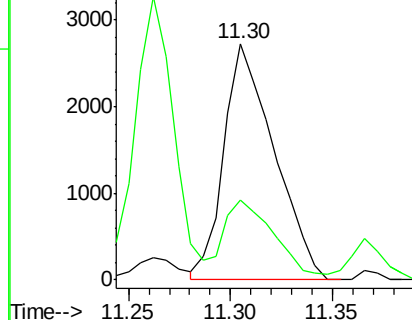
Lab File: VX000080.D

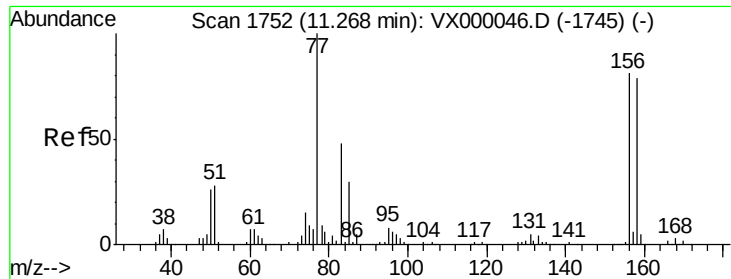
Acq: 13 Feb 2018 17:20

Tgt Ion:	75	Resp:	4663
Ion Ratio	Lower	Upper	
75	100		
77	34.5	23.7	71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.98 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

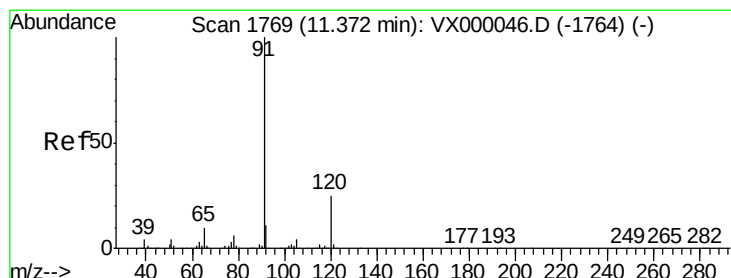
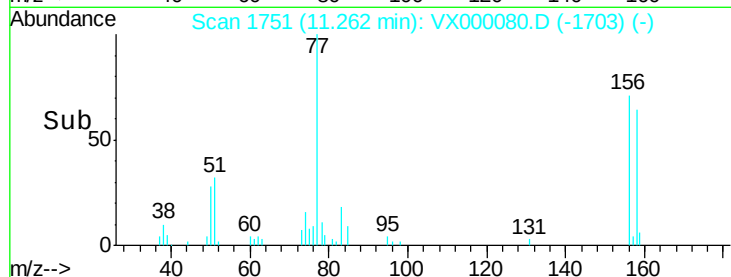
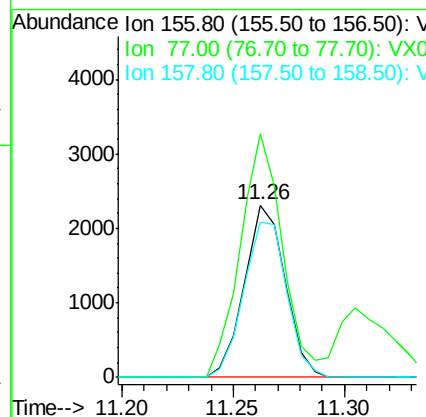
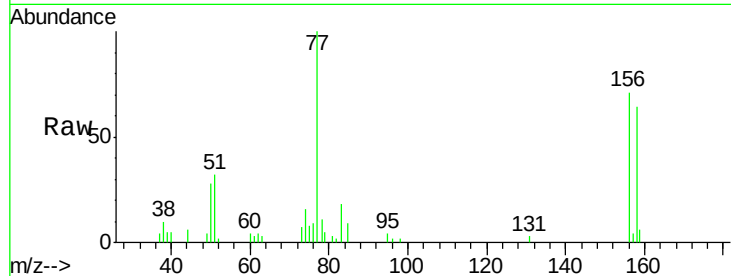
ClientSampled :

MDL05 2.00PPB

Tot Ion:	156	Resp:	2959
Ion	Ratio	Lower	Upper
156	100		
77	145.5	66.2	198.6
158	95.1	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 2.01 ug/l

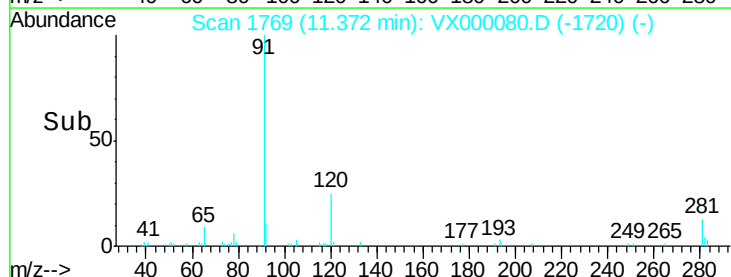
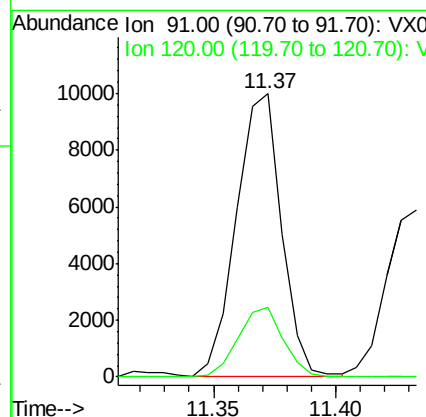
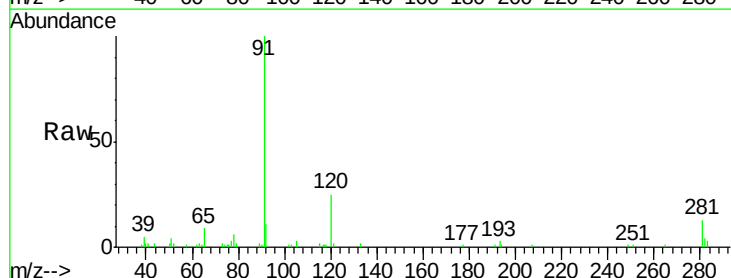
RT: 11.37 min Scan# 1769

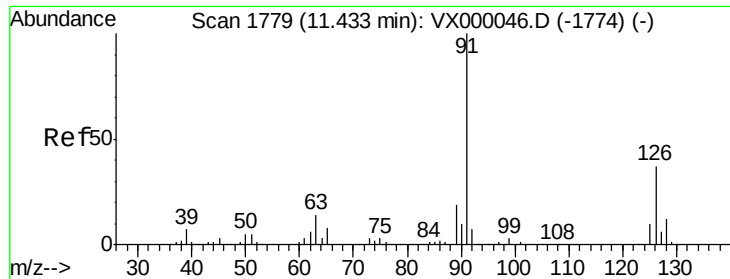
Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	91	Resp:	12877
Ion	Ratio	Lower	Upper
91	100		
120	24.5	12.2	36.6





#79

2-Chlorotoluene

Concen: 2.13 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

ClientSampled :

MDL05 2.00PPB

Tot Ion: 91 Resp: 7861

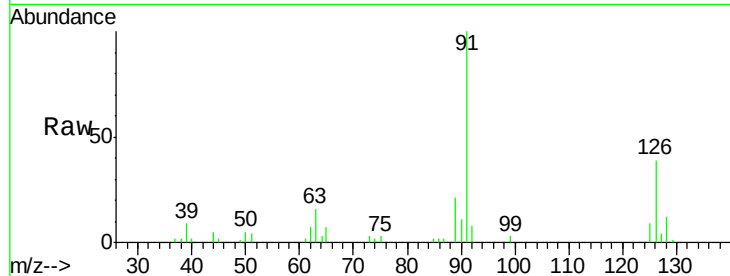
Ion Ratio Lower Upper

91 100

126 36.9 18.2 54.6

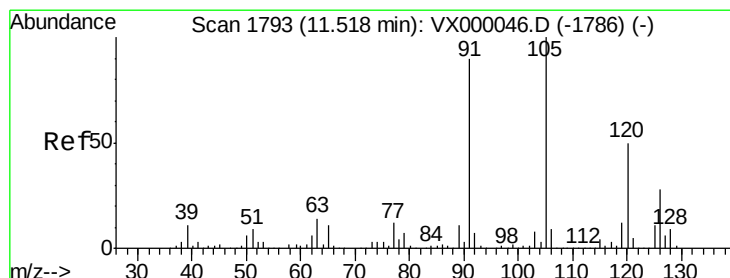
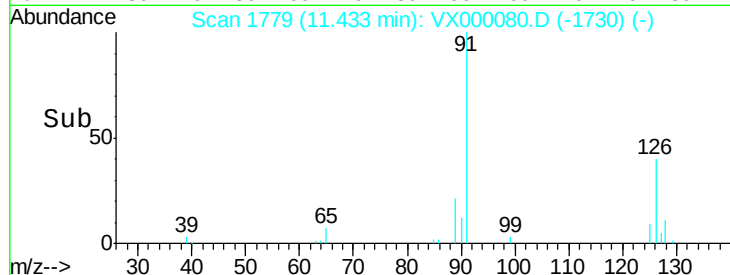
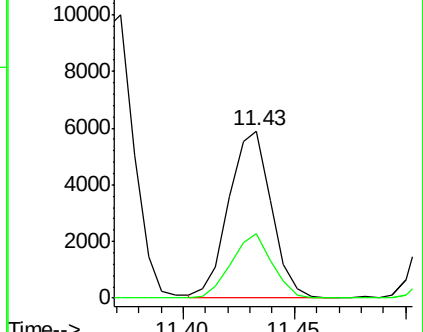
Manual Integrations
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2/16/2018 2:28:04 PM



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

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



#80

1,3,5-Trimethylbenzene

Concen: 1.93 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000080.D

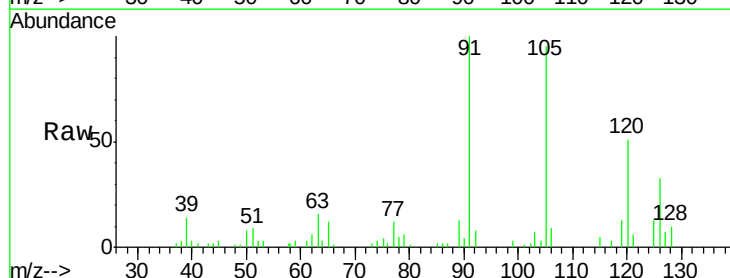
Acq: 13 Feb 2018 17:20

Tgt Ion: 105 Resp: 8905

Ion Ratio Lower Upper

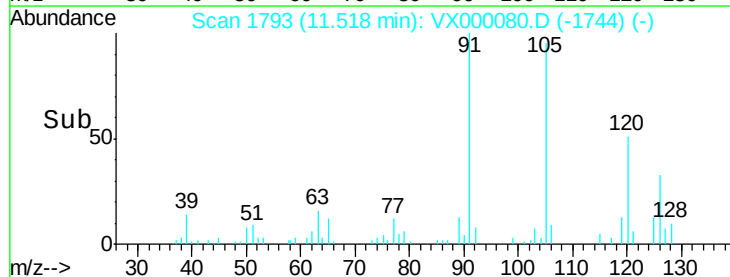
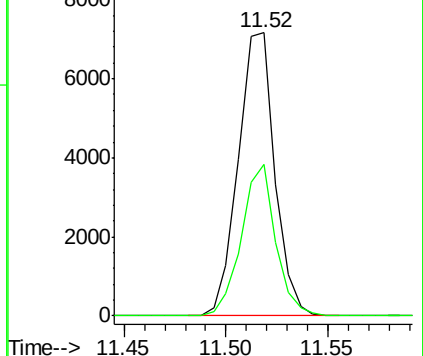
105 100

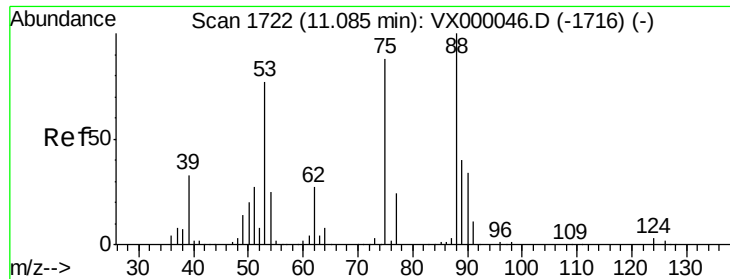
120 50.0 24.8 74.3



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

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





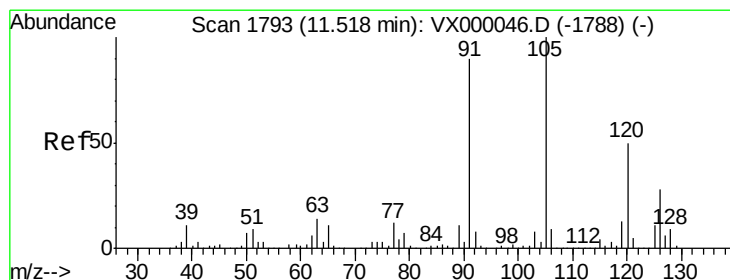
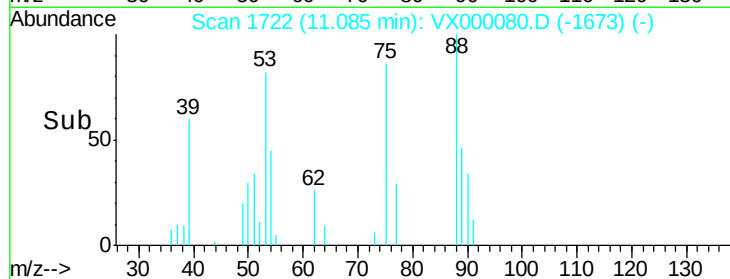
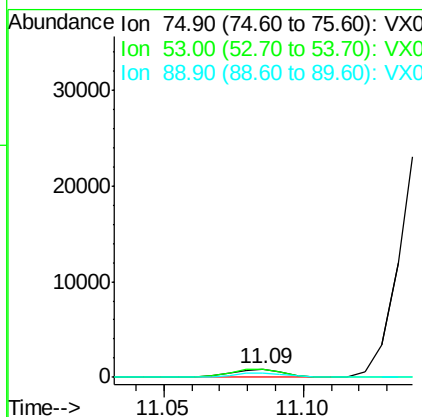
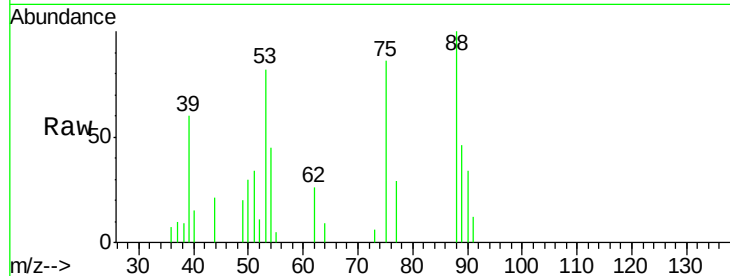
#81
trans-1,4-Dichloro-2-butene
Concen: 1.55 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

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

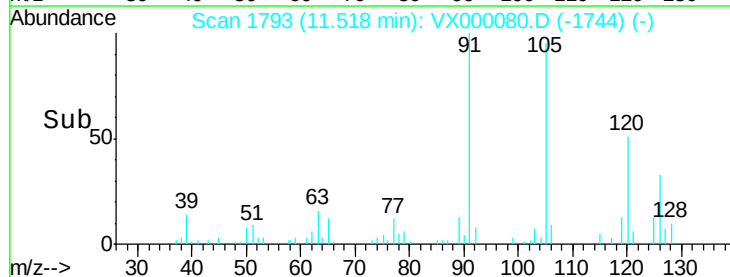
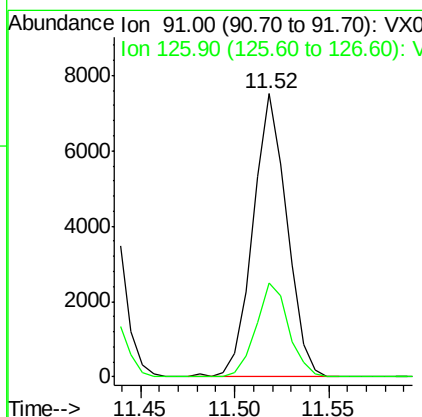
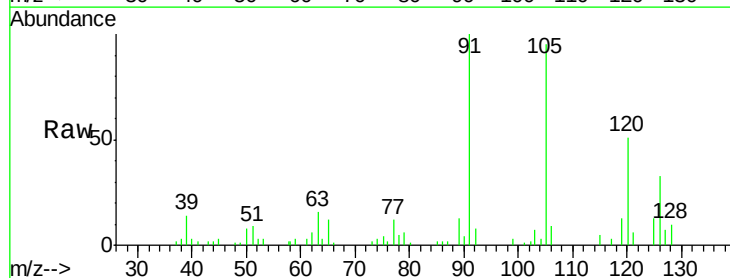
Manual Integrations
APPROVED

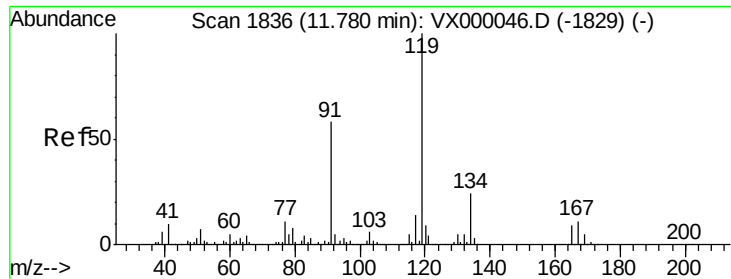
MMDadoda
2/16/2018 2:28:04 PM



#82
4-Chlorotoluene
Concen: 2.11 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.3	48.8





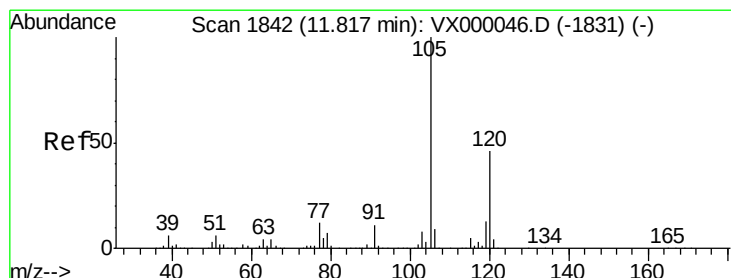
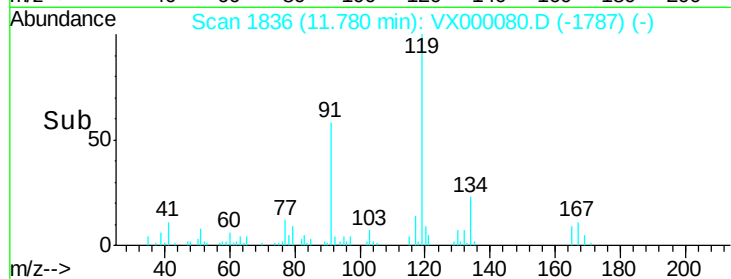
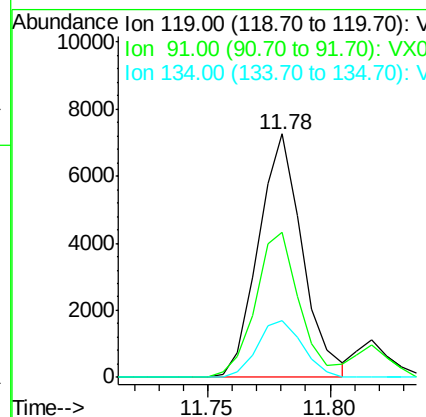
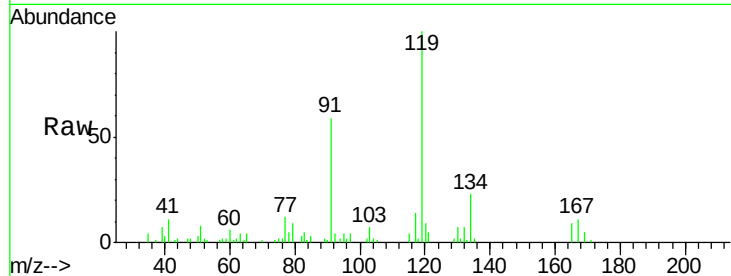
#83
 tert-Butylbenzene
 Concen: 1.96 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	27.9	83.7
134	23.9	11.7	35.1

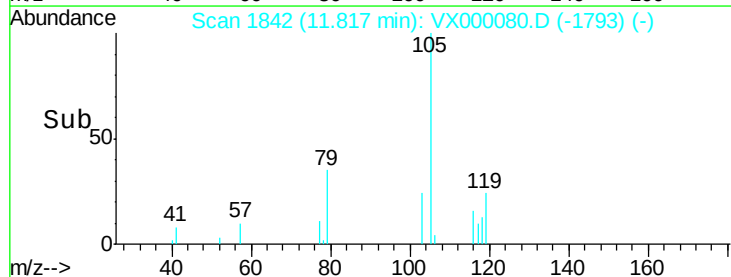
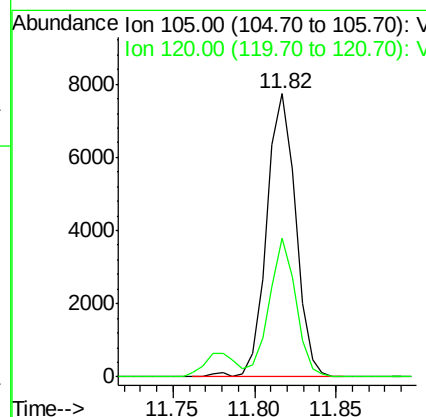
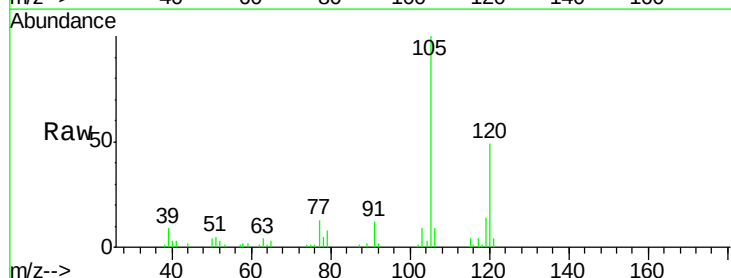
Manual Integrations
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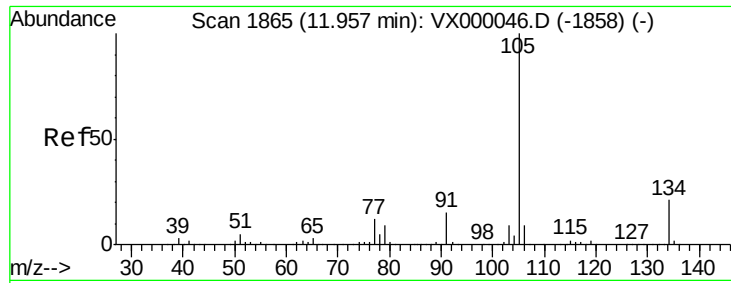
MMDadoda
 2/16/2018 2:28:04 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 2.01 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.4	70.2





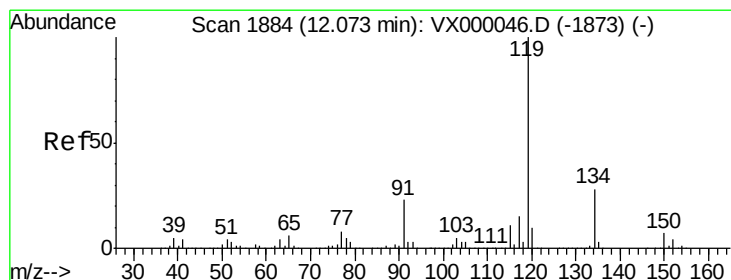
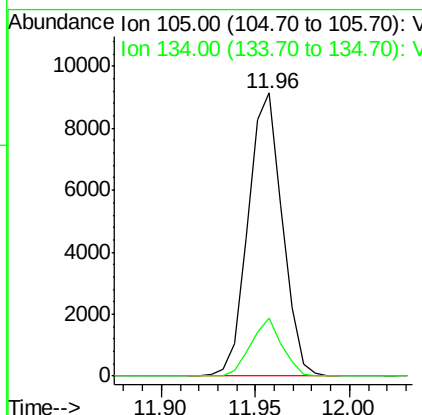
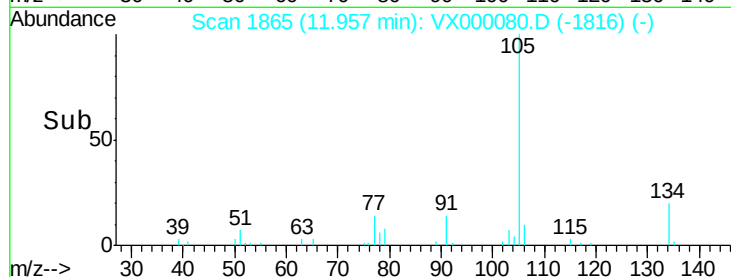
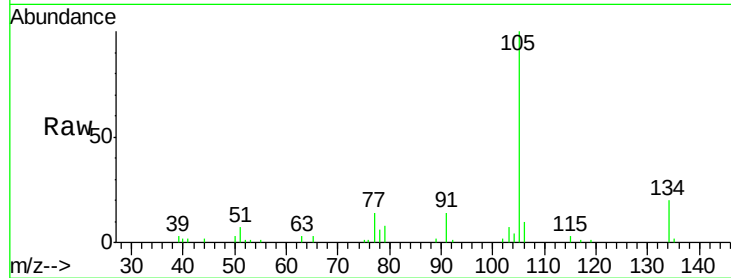
#85
 sec-Butylbenzene
 Concen: 2.00 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion:105 Resp: 11492
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.6 31.8

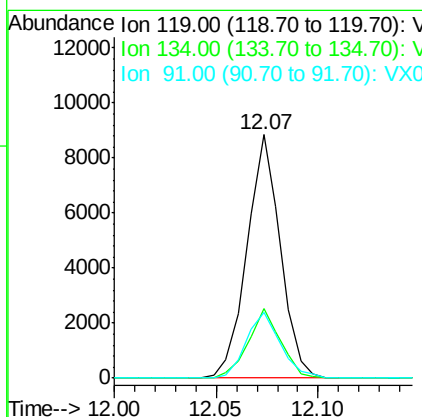
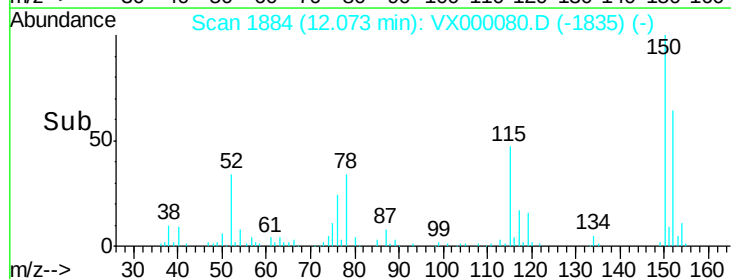
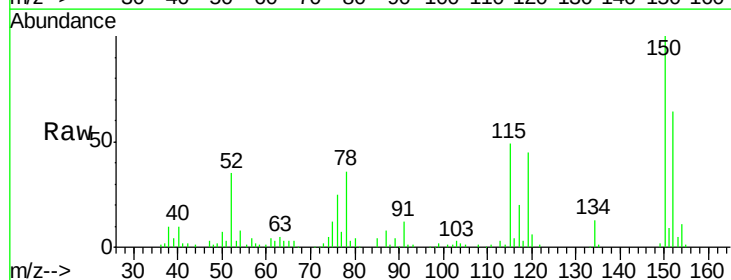
Manual Integrations
 APPROVED

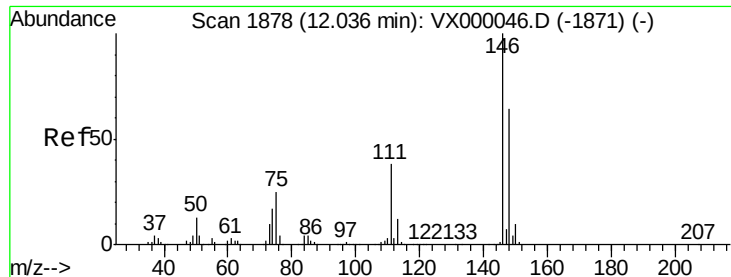
MMDadoda
 2/16/2018 2:28:04 PM



#86
 p-Isopropyltoluene
 Concen: 1.95 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion:119 Resp: 10050
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.0 41.9
 91 27.9 11.6 34.7





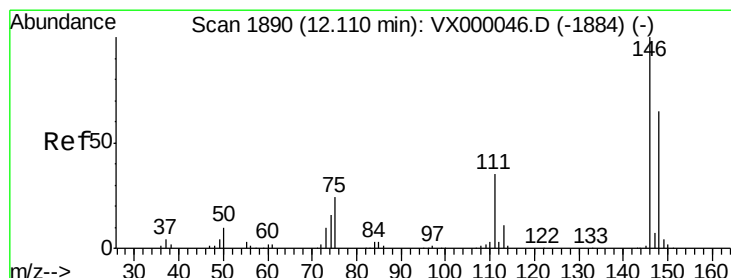
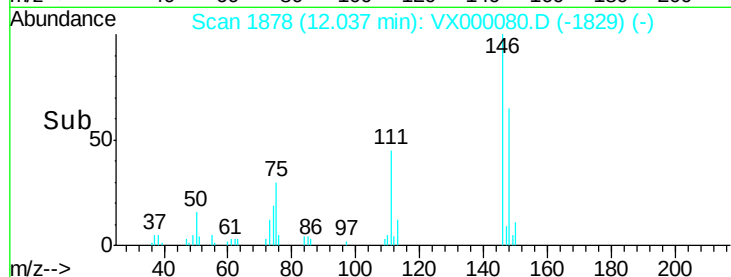
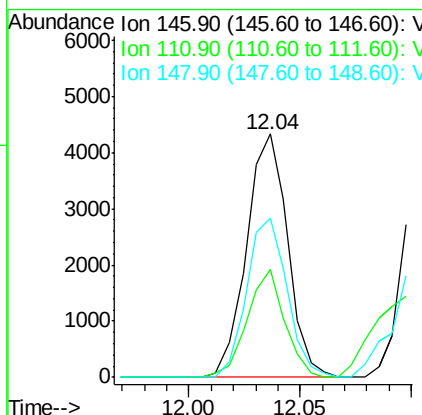
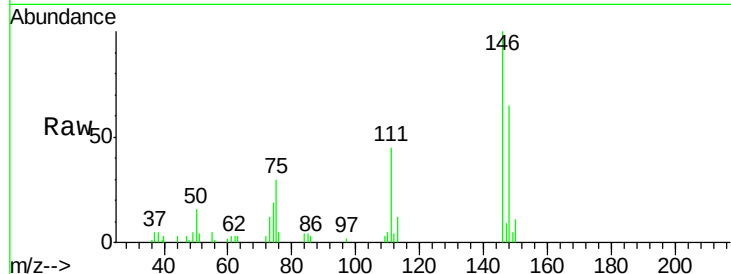
#87
 1,3-Dichlorobenzene
 Concen: 1.97 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 Client Sampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.9	56.9
148	64.4	31.8	95.4

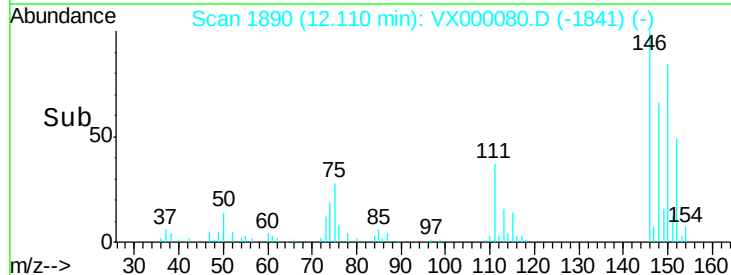
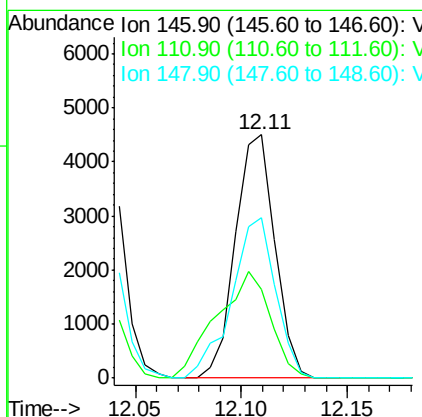
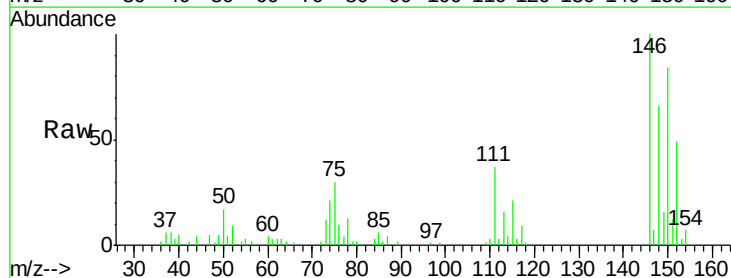
Manual Integrations
 APPROVED

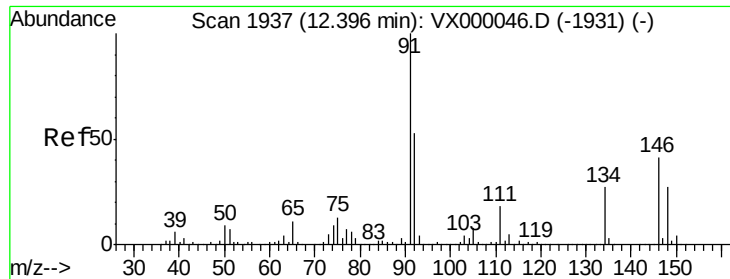
MMDadoda
 2/16/2018 2:28:04 PM



#88
 1,4-Dichlorobenzene
 Concen: 2.02 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	61.4	32.1	96.5





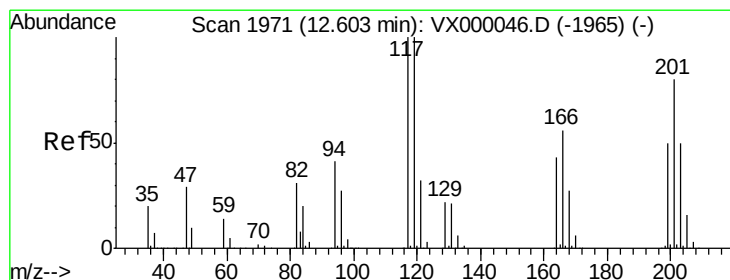
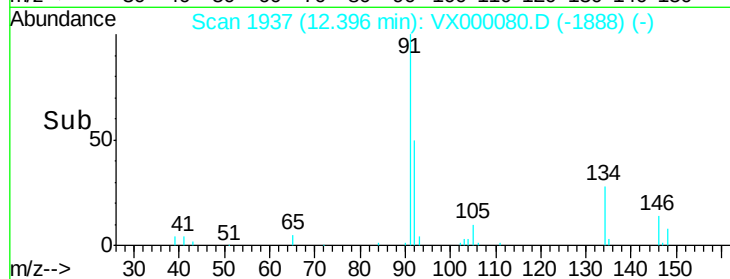
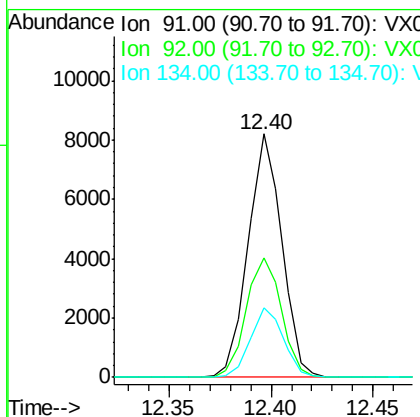
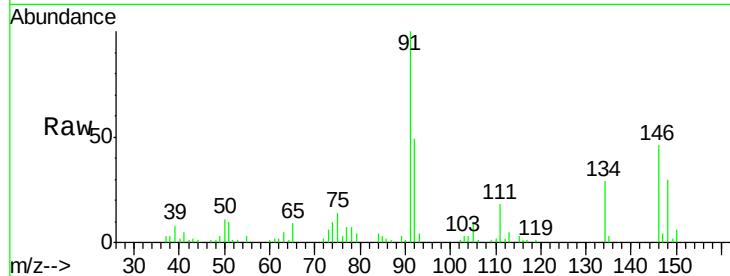
#89
n-Butylbenzene
Concen: 1.96 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Instrument :
ClientSampled :
MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.1	78.2
134	28.0	14.1	42.2

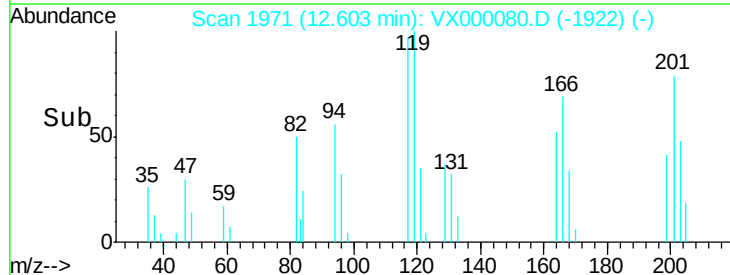
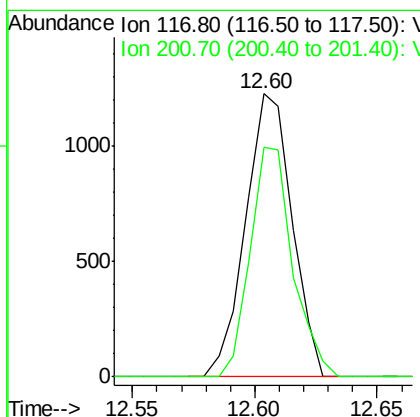
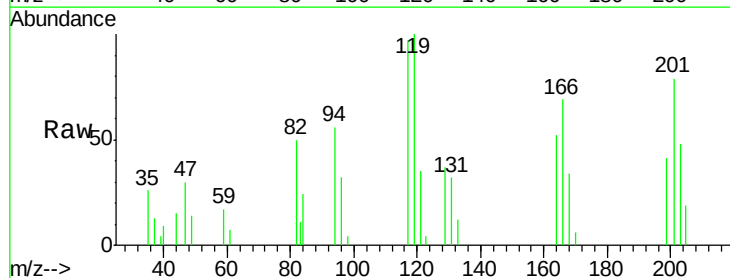
Manual Integrations
APPROVED

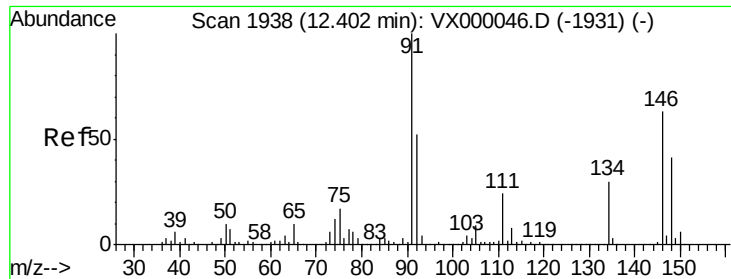
MMDadoda
2/16/2018 2:28:04 PM



#90
Hexachloroethane
Concen: 1.80 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000080.D
Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	43.5	130.7





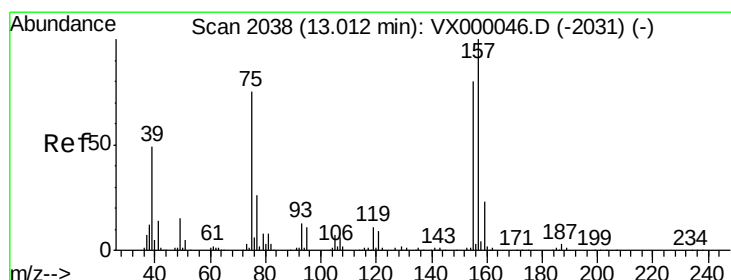
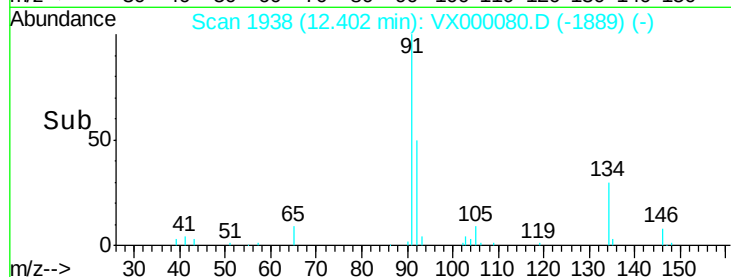
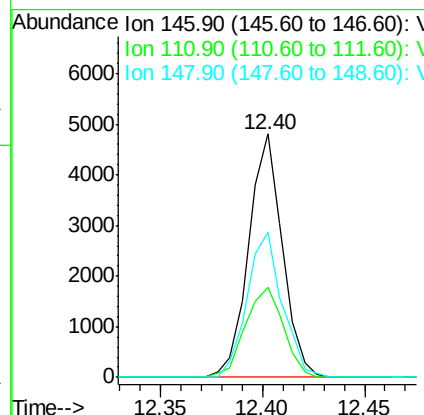
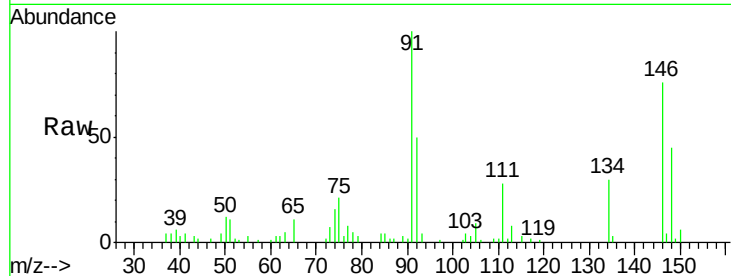
#91
 1,2-Dichlorobenzene
 Concen: 2.00 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.4	58.2
148	62.2	32.0	96.2

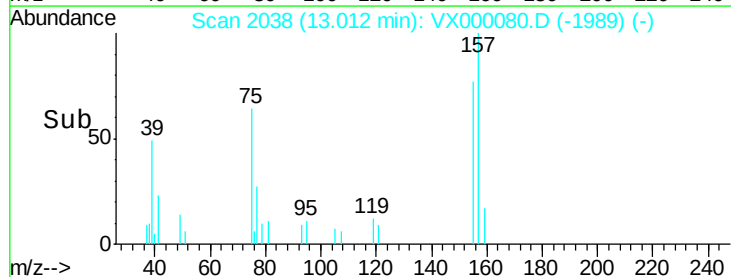
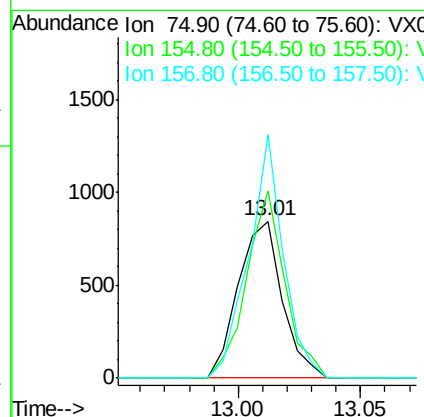
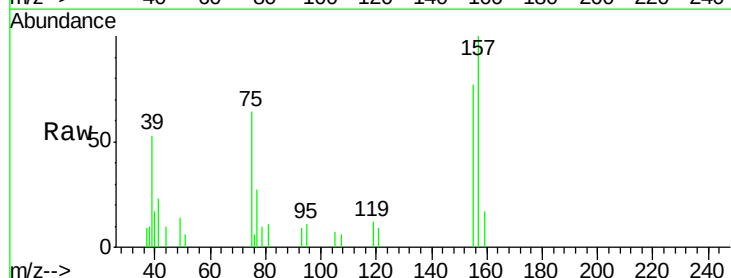
Manual Integrations
 APPROVED

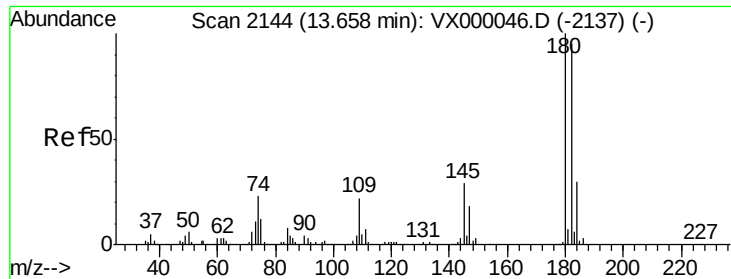
MMDadoda
 2/16/2018 2:28:04 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.97 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	52.0	156.0
157	122.9	65.3	195.9





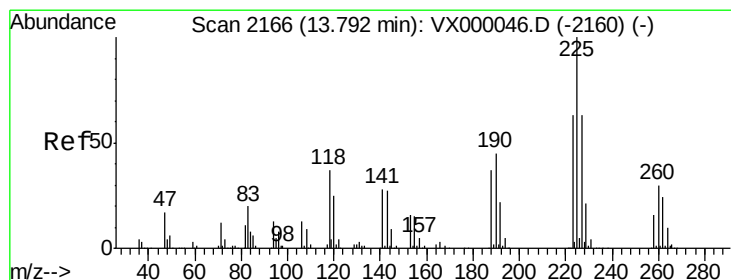
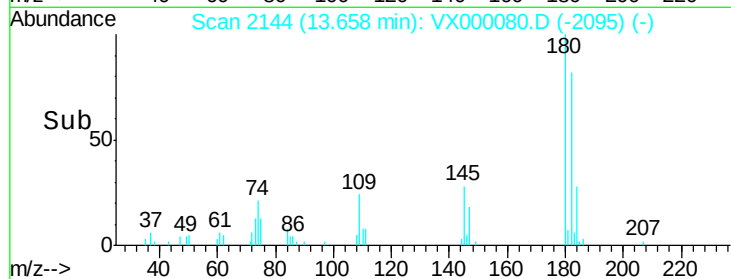
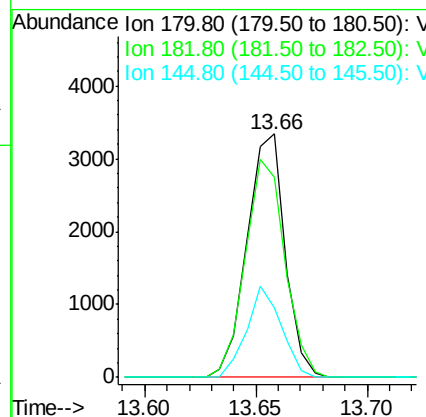
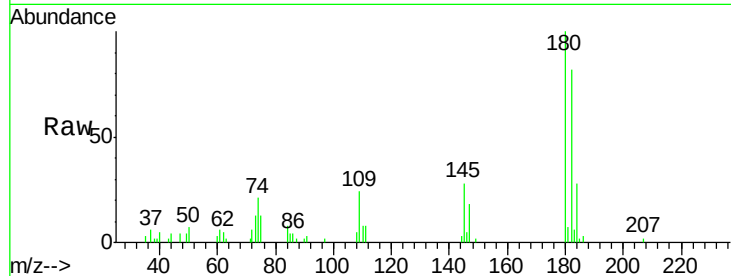
#93
 1,2,4-Trichlorobenzene
 Concen: 1.90 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Instrument :
 ClientSampled :
 MDL05 2.00PPB

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	48.0	144.0
145	34.0	14.7	44.1

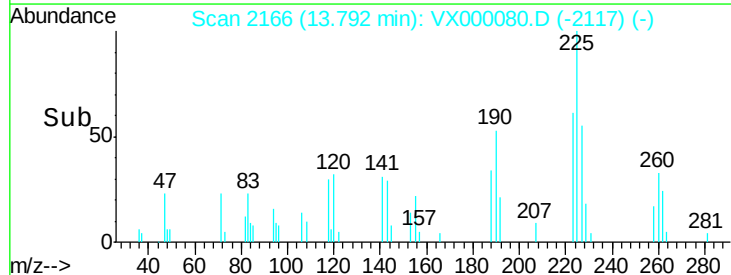
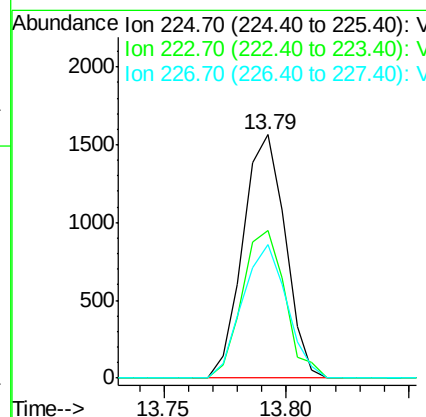
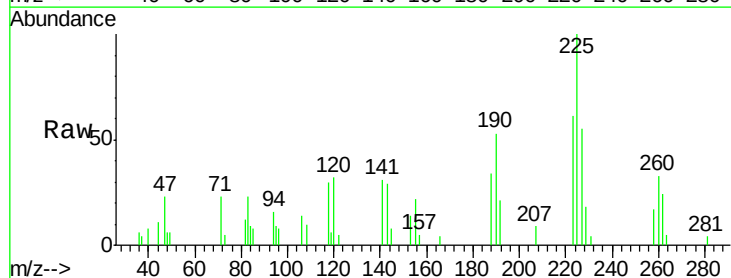
Manual Integrations
 APPROVED

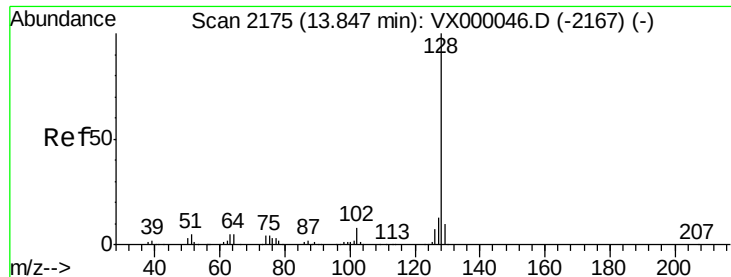
MMDadoda
 2/16/2018 2:28:04 PM



#94
 Hexachlorobutadiene
 Concen: 1.90 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000080.D
 Acq: 13 Feb 2018 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.9	95.5
227	57.8	31.6	95.0





#95

Naphthalene

Concen: 2.06 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Instrument :

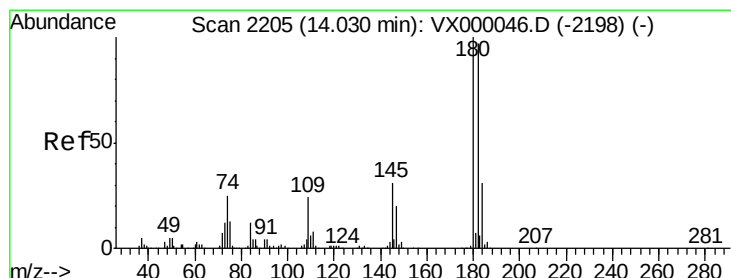
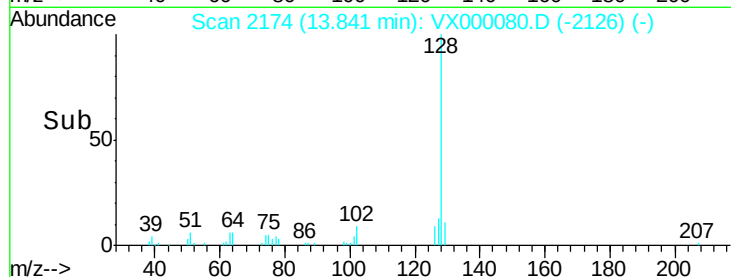
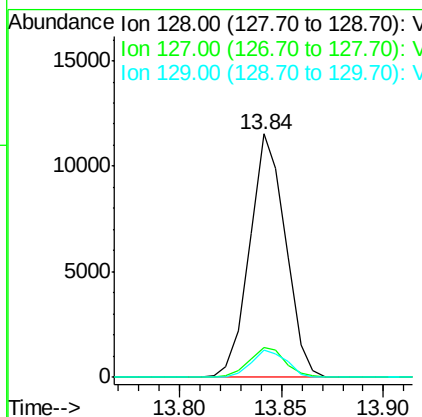
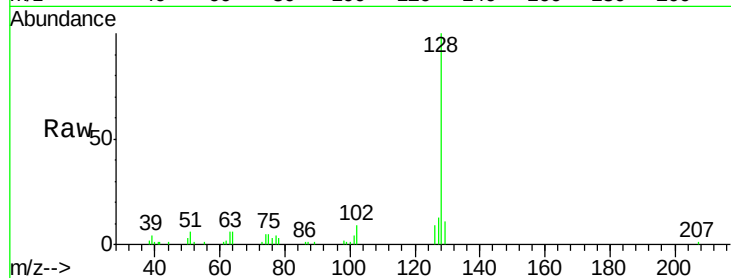
ClientSampled :

MDL05 2.00PPB

Tot Ion:	128	Resp:	14102
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/16/2018 2:28:04 PM



#96

1,2,3-Trichlorobenzene

Concen: 1.94 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000080.D

Acq: 13 Feb 2018 17:20

Tgt Ion:	180	Resp:	3979
Ion Ratio	Lower	Upper	
180	100		
182	100.2	47.9	143.7
145	31.4	15.7	47.0

