

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000062.D
 Acq On : 12 Feb 2018 13:27
 Operator : JC/MD
 Sample : MDL 06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 06

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:11 PM

Quant Time: Feb 15 17:15:21 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	124280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	204296	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	191964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103540	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	66532	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	5.52	113	57295	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
50) Toluene-d8	8.73	98	209106	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.15	95	83068	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	791	0.70	ug/l	81
3) Chloromethane	1.33	50	862	0.75	ug/l #	80
4) Vinyl Chloride	1.41	62	778	0.60	ug/l	90
5) Bromomethane	1.65	94	942	1.36	ug/l #	78
6) Chloroethane	1.73	64	837m	1.08	ug/l	
7) Trichlorofluoromethane	1.93	101	1343	0.60	ug/l	100
8) Diethyl Ether	2.20	74	527	0.65	ug/l	59
9) 1,1,2-Trichlorotrifluoroet	2.39	101	729	0.57	ug/l	88
10) Methyl Iodide	2.52	142	927	2.28	ug/l #	94
11) Tert butyl alcohol	3.08	59	1836	3.53	ug/l #	76
12) 1,1-Dichloroethene	2.39	96	756	0.63	ug/l #	82
13) Acrolein	2.30	56	1053	3.95	ug/l	87
14) Allyl chloride	2.74	41	1341	0.64	ug/l	89
15) Acrylonitrile	3.16	53	2948	3.26	ug/l	97
16) Acetone	2.46	43	2889	3.76	ug/l	94
17) Carbon Disulfide	2.57	76	2328	0.66	ug/l #	92
18) Methyl Acetate	2.79	43	1384	0.71	ug/l	97
19) Methyl tert-butyl Ether	3.22	73	2575	0.62	ug/l #	86
20) Methylene Chloride	2.87	84	1004	0.78	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	841	0.65	ug/l #	83
22) Diisopropyl ether	3.89	45	1887	0.54	ug/l #	85
23) Vinyl Acetate	3.84	43	7921	2.53	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1434	0.66	ug/l #	83
25) 2-Butanone	4.72	43	4404	3.80	ug/l #	83
26) 2,2-Dichloropropane	4.59	77	1261	0.68	ug/l	81
27) cis-1,2-Dichloroethene	4.61	96	808	0.64	ug/l	84
28) Bromochloromethane	5.03	49	416	0.58	ug/l #	85
29) Tetrahydrofuran	5.18	42	2988	3.76	ug/l	92
30) Chloroform	5.23	83	1311	0.60	ug/l	92
31) Cyclohexane	5.59	56	1077	0.61	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	1272	0.62	ug/l #	47
36) 1,1-Dichloropropene	5.82	75	1057	0.59	ug/l	96
37) Ethyl Acetate	4.88	43	1558	0.68	ug/l #	78
38) Carbon Tetrachloride	5.79	117	1272	0.64	ug/l #	71

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000062.D
 Acq On : 12 Feb 2018 13:27
 Operator : JC/MD
 Sample : MDL 06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL 06

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:11 PM

Quant Time: Feb 15 17:15:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	1227	0.57	ug/l	99
40) Benzene	6.15	78	2973	0.59	ug/l	92
41) Methacrylonitrile	5.08	41	1004m	0.85	ug/l	
42) 1,2-Dichloroethane	6.21	62	1060	0.59	ug/l #	74
43) Isopropyl Acetate	6.48	43	2161	0.62	ug/l #	86
44) Trichloroethene	7.22	130	827	0.53	ug/l	99
45) 1,2-Dichloropropane	7.52	63	653	0.53	ug/l	90
46) Dibromomethane	7.67	93	470	0.50	ug/l	95
47) Bromodichloromethane	7.91	83	1010	0.55	ug/l #	94
48) Methyl methacrylate	7.79	41	1079	0.63	ug/l #	81
49) 1,4-Dioxane	7.77	88	517	11.42	ug/l #	54
51) 4-Methyl-2-Pentanone	8.66	43	6846	2.84	ug/l	92
52) Toluene	8.79	92	1870	0.55	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	1197	0.56	ug/l #	88
54) cis-1,3-Dichloropropene	9.05	75	1174	0.56	ug/l	94
55) 1,1,2-Trichloroethane	9.23	97	793	0.56	ug/l #	87
56) Ethyl methacrylate	9.20	69	1165	0.54	ug/l #	83
57) 1,3-Dichloropropane	9.38	76	1168	0.53	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.32	63	2800	2.61	ug/l	93
59) 2-Hexanone	9.51	43	5706	2.91	ug/l	93
60) Dibromochloromethane	9.59	129	753	0.46	ug/l	92
61) 1,2-Dibromoethane	9.68	107	727	0.47	ug/l	87
64) Tetrachloroethene	9.35	164	740	0.52	ug/l	96
65) Chlorobenzene	10.15	112	2305	0.58	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	717	0.50	ug/l #	64
67) Ethyl Benzene	10.26	91	3677	0.56	ug/l	90
68) m/p-Xylenes	10.37	106	2889	1.10	ug/l	98
69) o-Xylene	10.71	106	1474	0.58	ug/l	100
70) Styrene	10.72	104	2114	0.49	ug/l #	90
71) Bromoform	10.87	173	646	0.48	ug/l #	97
73) Isopropylbenzene	11.02	105	3882	0.59	ug/l	100
74) N-amyl acetate	6.48	43	2161	0.66	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.27	83	1247	0.56	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	1621	0.83	ug/l	78
77) Bromobenzene	11.26	156	976	0.55	ug/l	93
78) n-propylbenzene	11.37	91	4301	0.56	ug/l	100
79) 2-Chlorotoluene	11.43	91	2603	0.59	ug/l	97
80) 1,3,5-Trimethylbenzene	11.52	105	3203	0.58	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.09	75	390m	0.49	ug/l	
82) 4-Chlorotoluene	11.52	91	3212	0.61	ug/l	95
83) tert-Butylbenzene	11.78	119	3135	0.56	ug/l	94
84) 1,2,4-Trimethylbenzene	11.82	105	3343	0.59	ug/l	99
85) sec-Butylbenzene	11.96	105	4010	0.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	3543	0.58	ug/l	90
87) 1,3-Dichlorobenzene	12.04	146	1831	0.55	ug/l	94
88) 1,4-Dichlorobenzene	12.11	146	2217m	0.65	ug/l	
89) n-Butylbenzene	12.40	91	3274	0.57	ug/l	95
90) Hexachloroethane	12.60	117	611	0.57	ug/l	71
91) 1,2-Dichlorobenzene	12.40	146	1873	0.57	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.01	75	391	0.61	ug/l	79

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
Data File : VX000062.D
Acq On : 12 Feb 2018 13:27
Operator : JC/MD
Sample : MDL 06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL 06

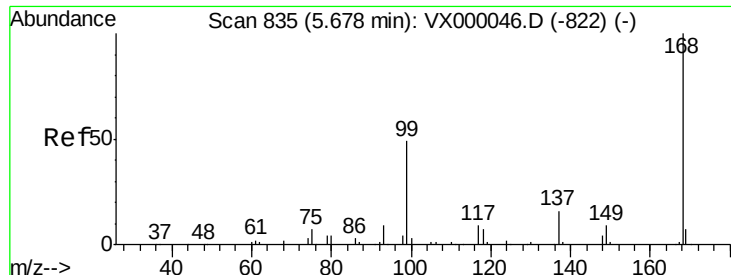
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM

Quant Time: Feb 15 17:15:21 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)
93) 1,2,4-Trichlorobenzene	13.65	180	1547	0.62	ug/l	96
94) Hexachlorobutadiene	13.79	225	651	0.55	ug/l	93
95) Naphthalene	13.84	128	4666	0.57	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1382	0.57	ug/l	100

(#) = 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: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion:168 Resp: 124280

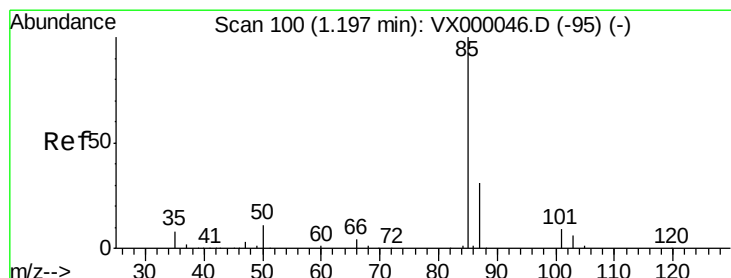
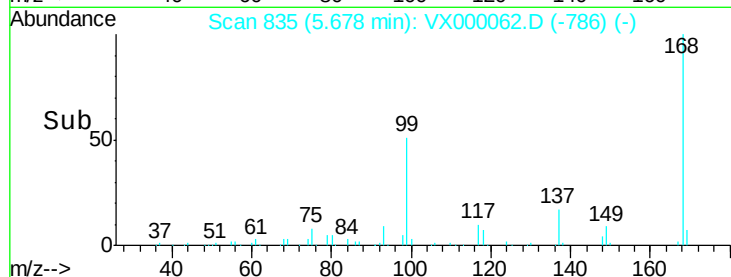
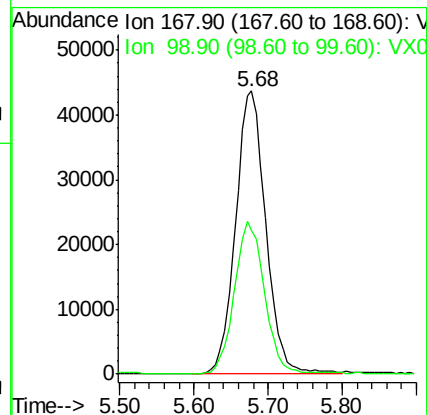
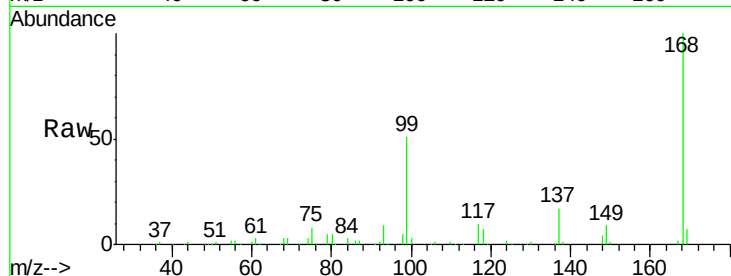
Ion Ratio Lower Upper

168 100

99 50.9 39.4 59.2

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#2

Dichlorodifluoromethane

Concen: 0.70 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000062.D

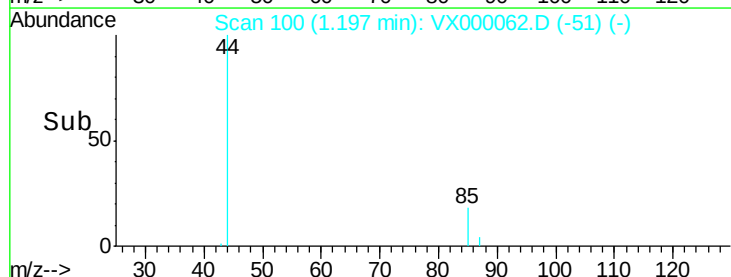
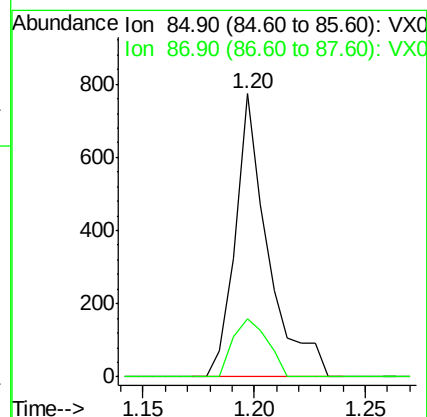
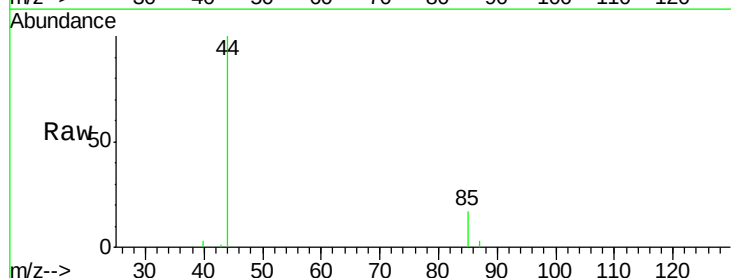
Acq: 12 Feb 2018 13:27

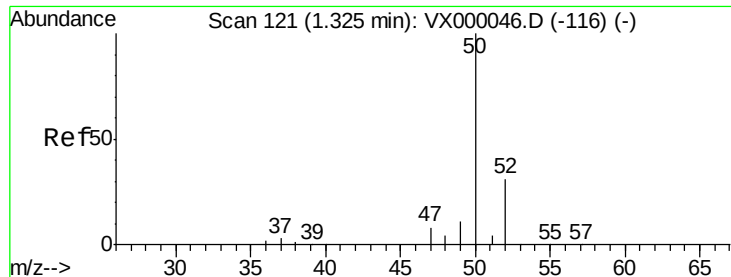
Tgt Ion: 85 Resp: 791

Ion Ratio Lower Upper

85 100

87 20.6 15.7 47.0





#3

Chloromethane

Concen: 0.75 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 50 Resp: 862

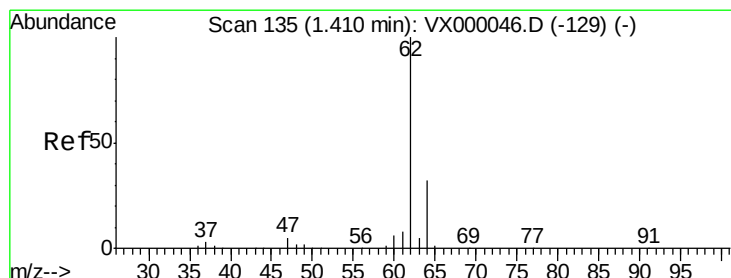
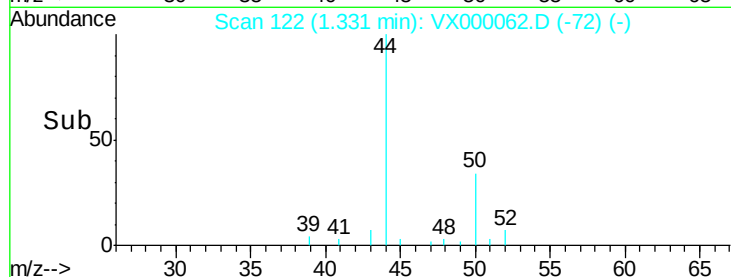
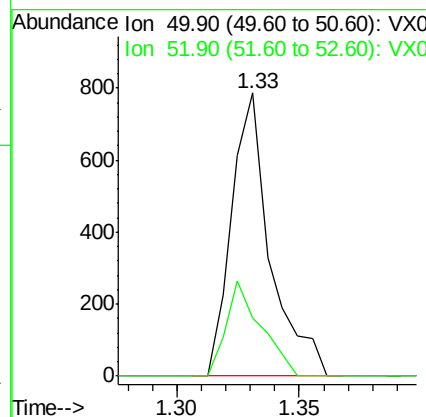
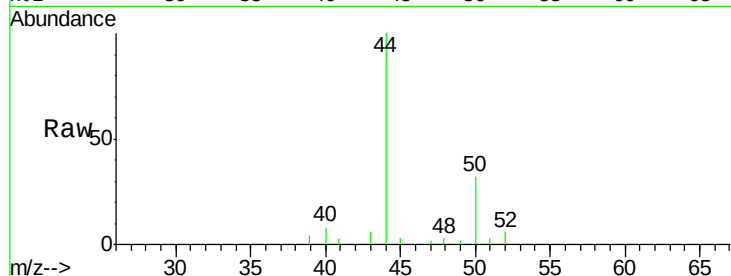
Ion Ratio Lower Upper

50 100

52 20.3 25.0 37.6#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#4

Vinyl Chloride

Concen: 0.60 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000062.D

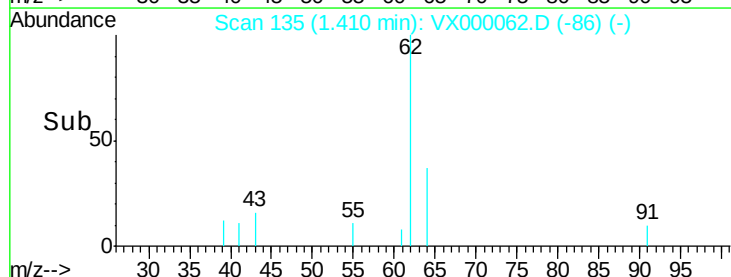
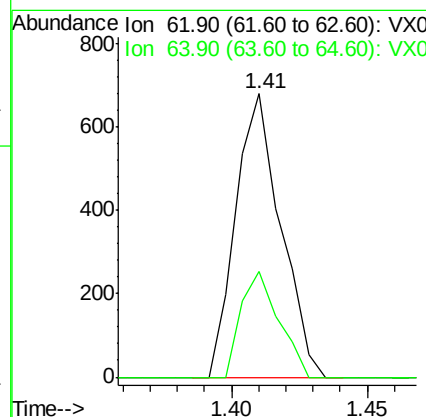
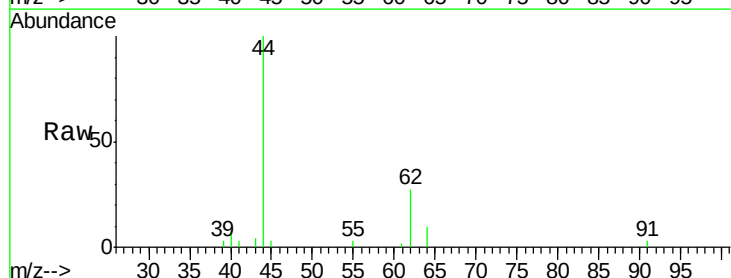
Acq: 12 Feb 2018 13:27

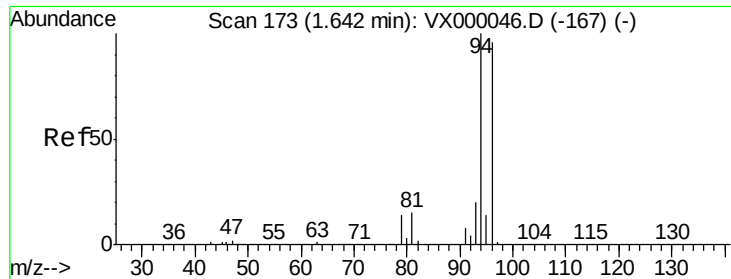
Tgt Ion: 62 Resp: 778

Ion Ratio Lower Upper

62 100

64 37.1 25.4 38.0





#5

Bromomethane

Concen: 1.36 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 94 Resp: 942

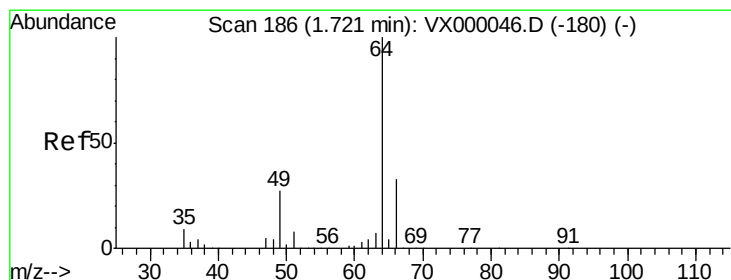
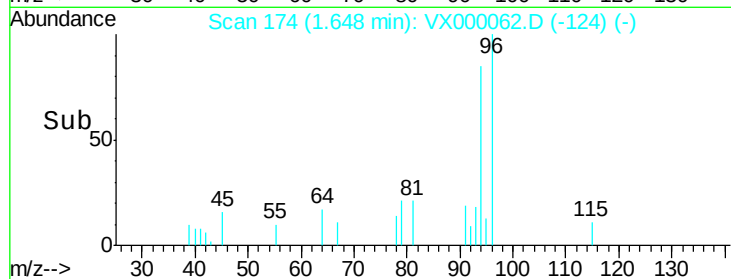
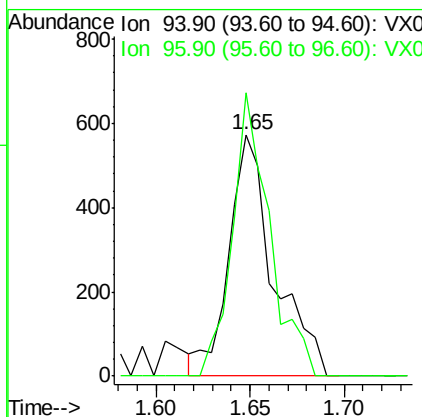
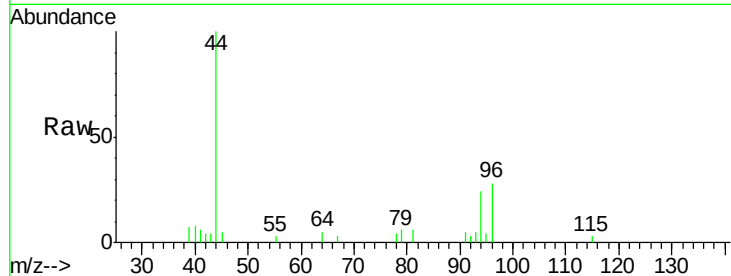
Ion Ratio Lower Upper

94 100

96 117.3 76.7 115.1#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#6

Chloroethane

Concen: 1.08 ug/l m

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000062.D

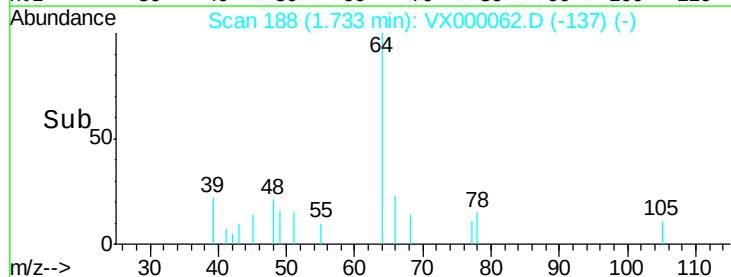
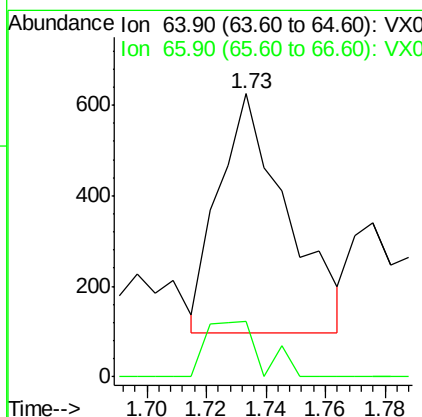
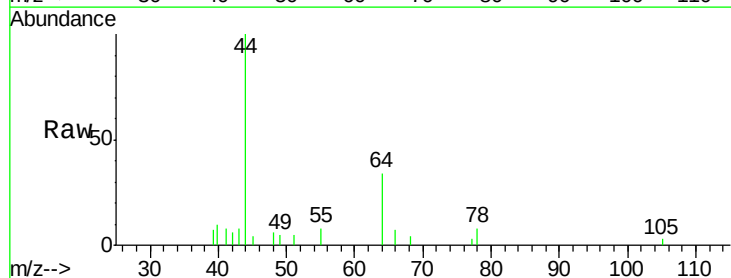
Acq: 12 Feb 2018 13:27

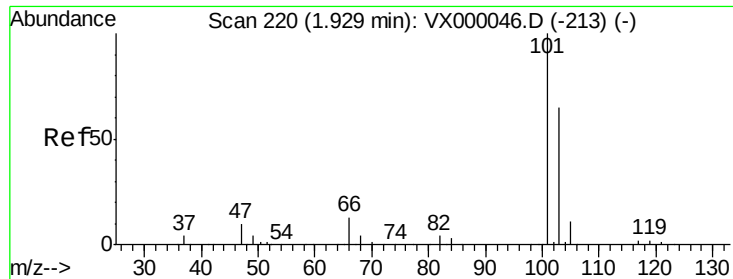
Tgt Ion: 64 Resp: 837

Ion Ratio Lower Upper

64 100

66 19.7 26.4 39.6#





#7

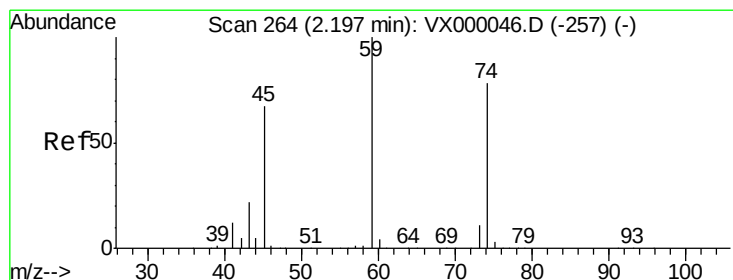
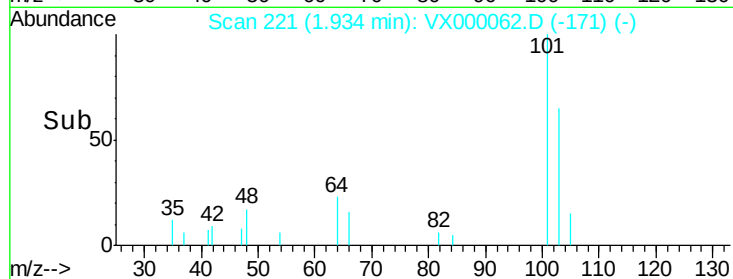
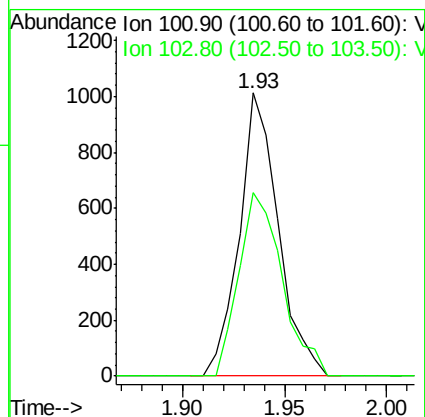
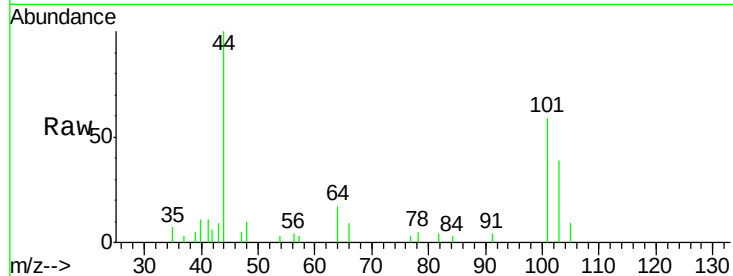
Trichlorofluoromethane
Concen: 0.60 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion:101 Resp: 1343
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5

Manual Integrations
APPROVED

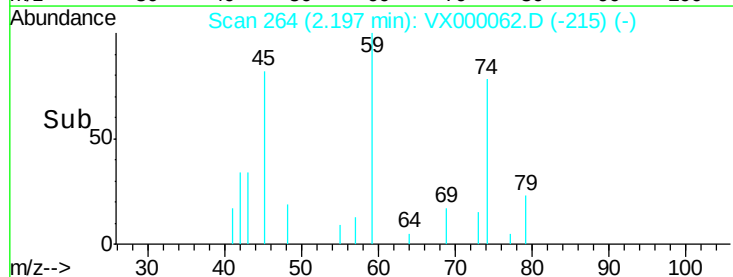
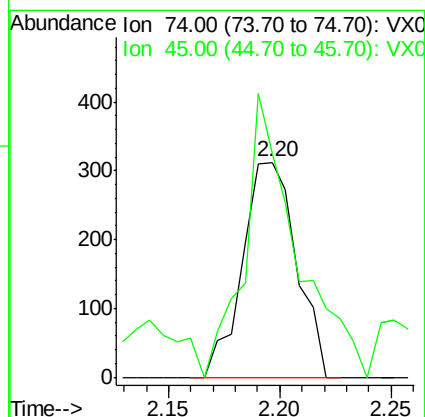
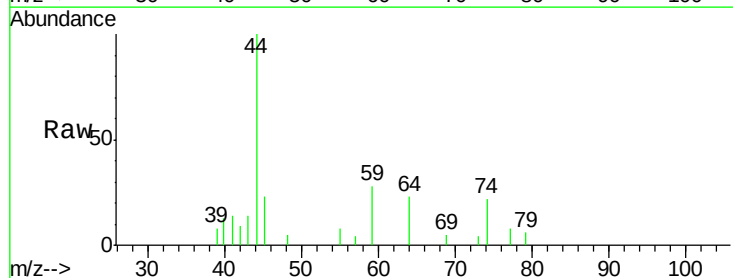
MMDadoda
2/15/2018 6:05:11 PM

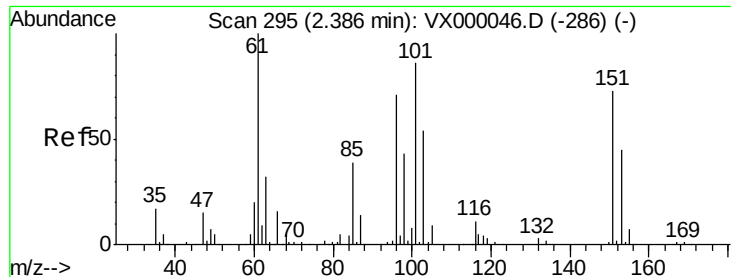


#8

Diethyl Ether
Concen: 0.65 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 74 Resp: 527
Ion Ratio Lower Upper
74 100
45 126.6 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.57 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

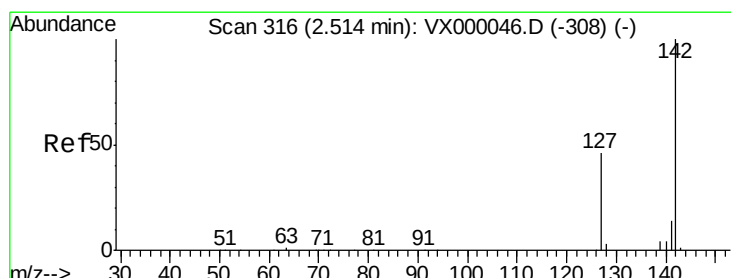
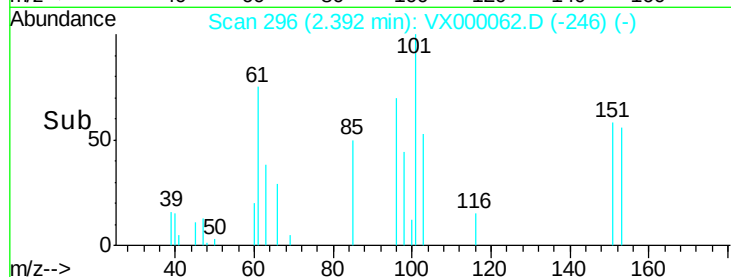
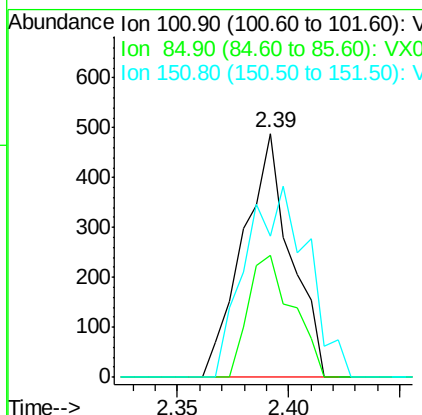
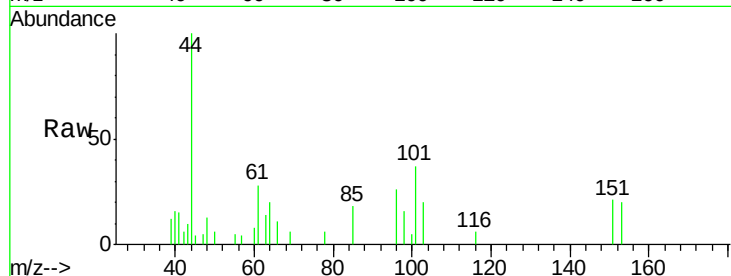
ClientSampled :

MDL 06

Tot Ion:	101	Resp:	729
Ion Ratio	Lower	Upper	
101	100		
85	46.9	36.6	54.8
151	101.6	68.8	103.2

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#10

Methyl Iodide

Concen: 2.28 ug/l

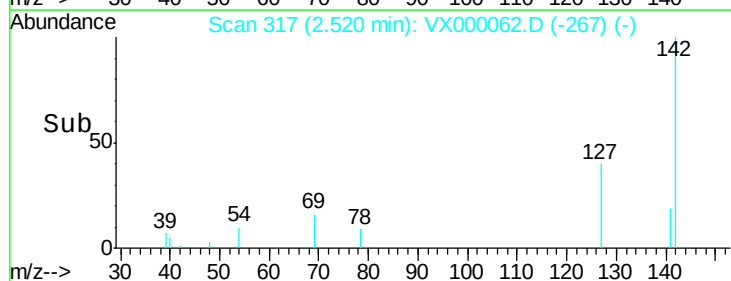
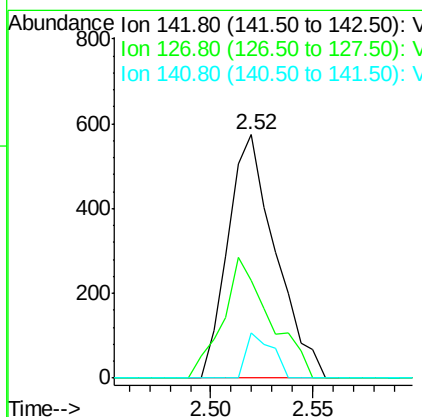
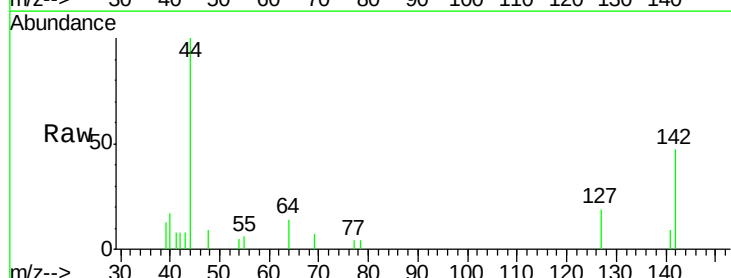
RT: 2.52 min Scan# 317

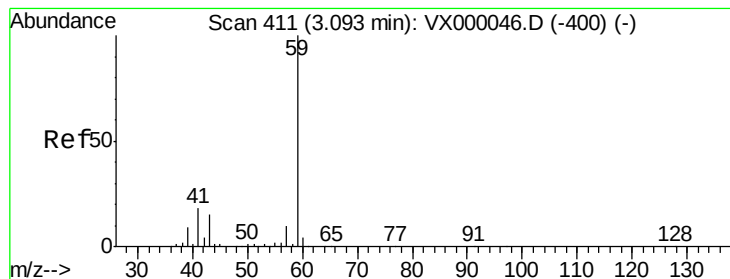
Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion:	142	Resp:	927
Ion Ratio	Lower	Upper	
142	100		
127	49.1	36.8	55.2
141	10.1	11.4	17.0#





#11

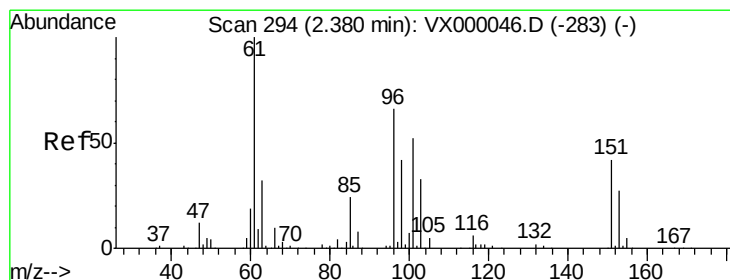
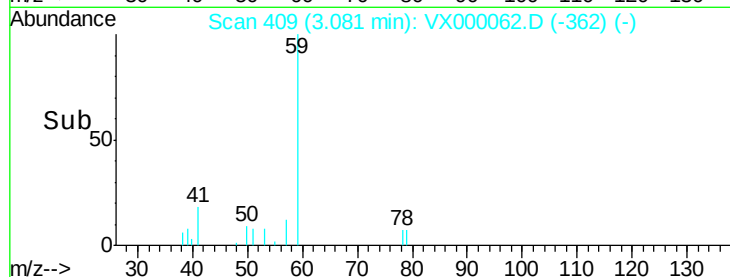
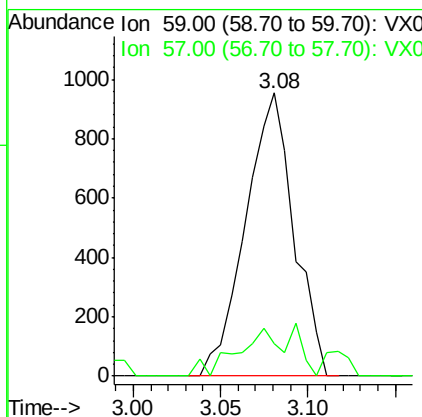
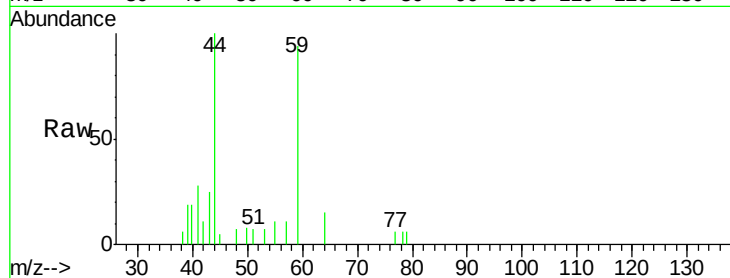
Tert butyl alcohol
Concen: 3.53 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion: 59 Resp: 1836
Ion Ratio Lower Upper
59 100
57 19.6 8.4 12.6#

Manual Integrations
APPROVED

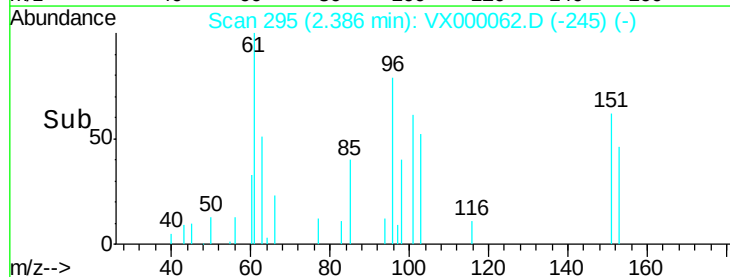
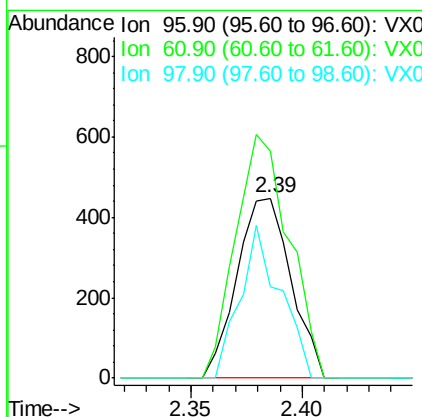
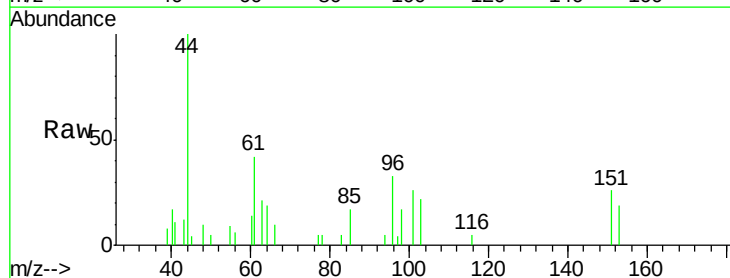
MMDadoda
2/15/2018 6:05:11 PM

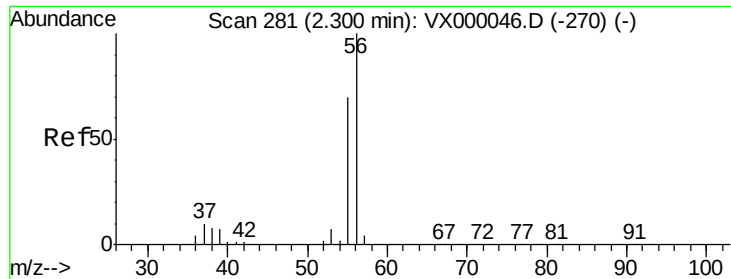


#12

1,1-Dichloroethene
Concen: 0.63 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 96 Resp: 756
Ion Ratio Lower Upper
96 100
61 125.9 120.3 180.5
98 50.9 51.0 76.4#





#13

Acrolein

Concen: 3.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 56 Resp: 1053

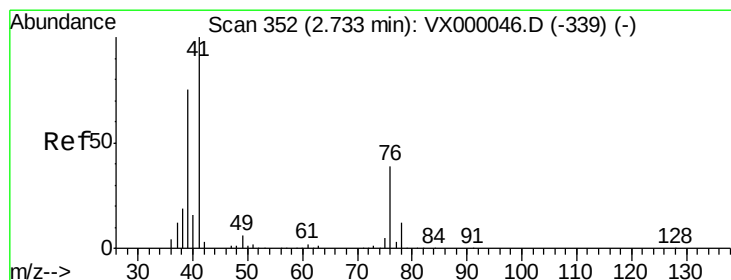
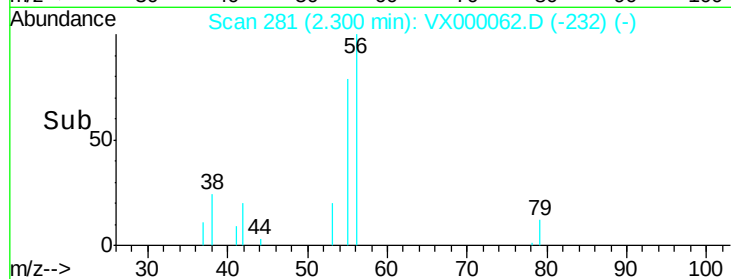
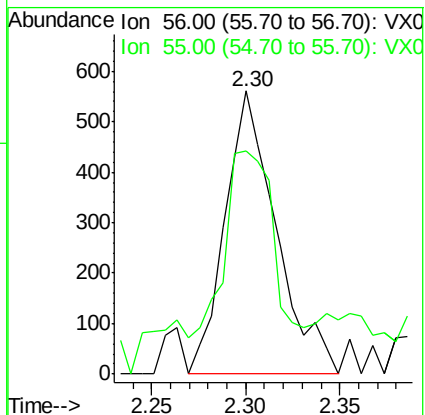
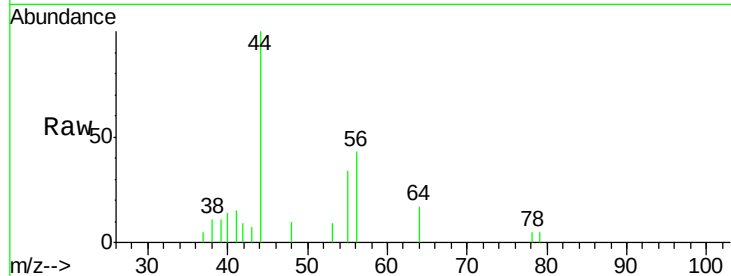
Ion Ratio Lower Upper

56 100

55 59.8 56.4 84.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#14

Allyl chloride

Concen: 0.64 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

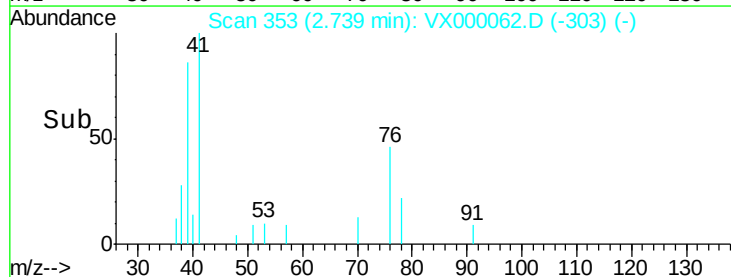
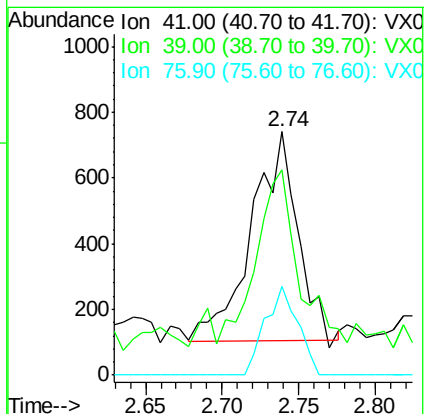
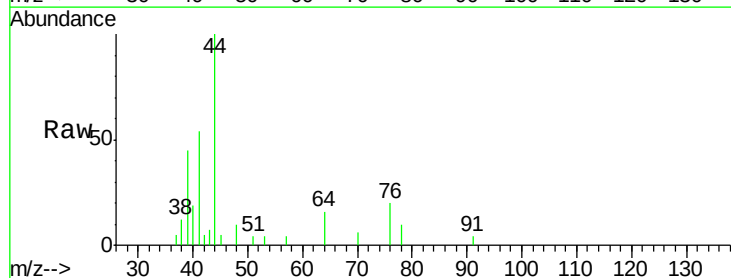
Tgt Ion: 41 Resp: 1341

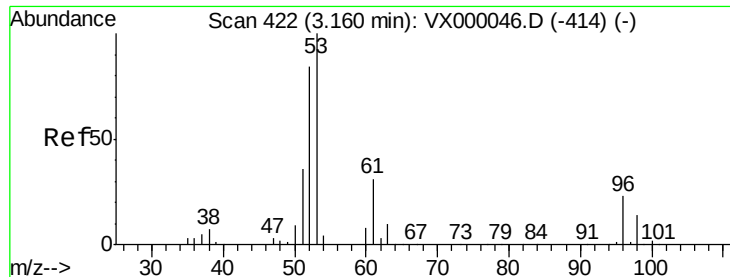
Ion Ratio Lower Upper

41 100

39 78.8 55.8 83.6

76 29.8 28.7 43.1





#15

Acrylonitrile

Concen: 3.26 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

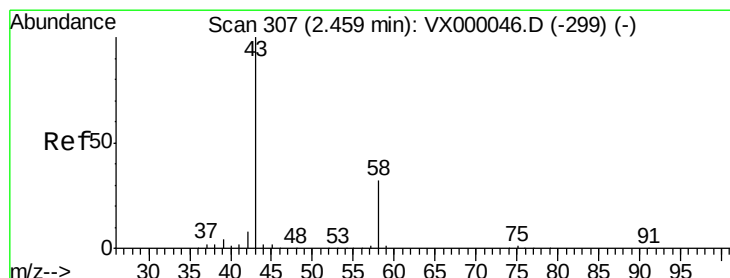
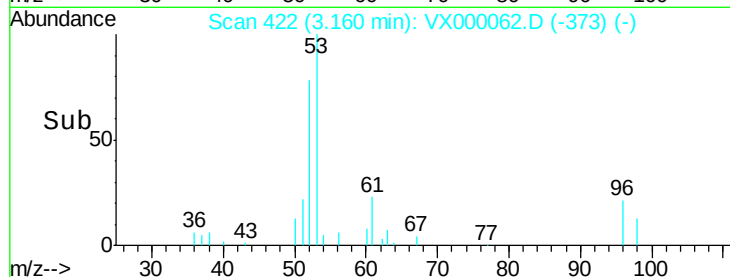
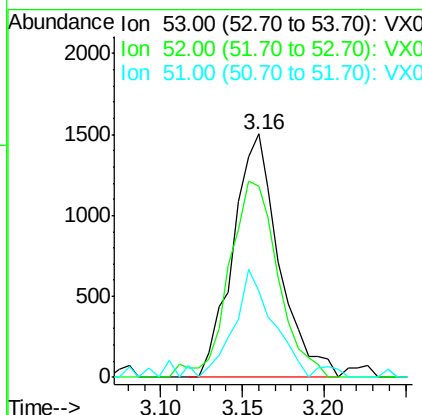
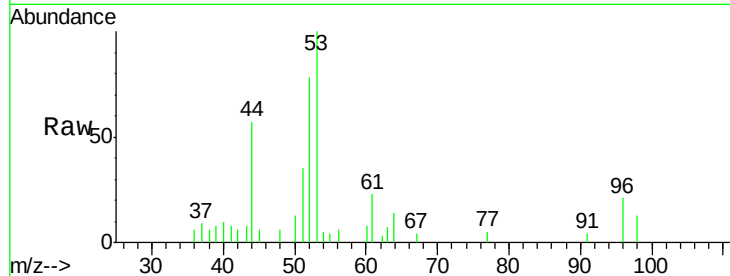
ClientSampled :

MDL 06

Tot Ion:	53	Resp:	2948
Ion	Ratio	Lower	Upper
53	100		
52	86.2	66.5	99.7
51	37.1	29.1	43.7

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#16

Acetone

Concen: 3.76 ug/l

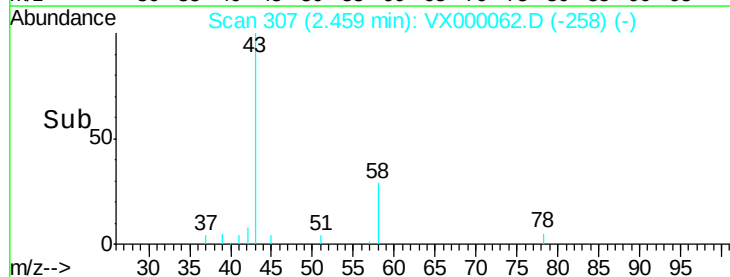
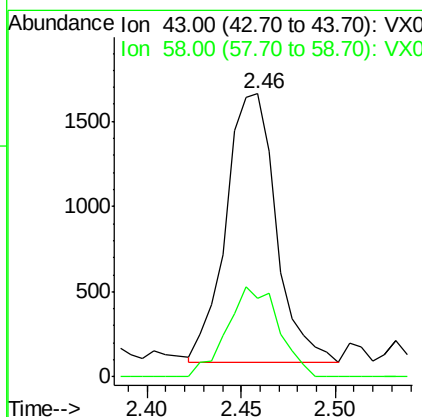
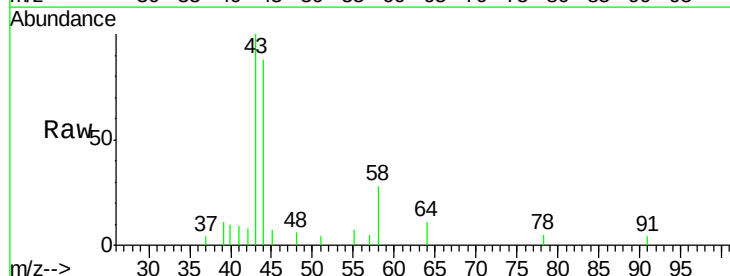
RT: 2.46 min Scan# 307

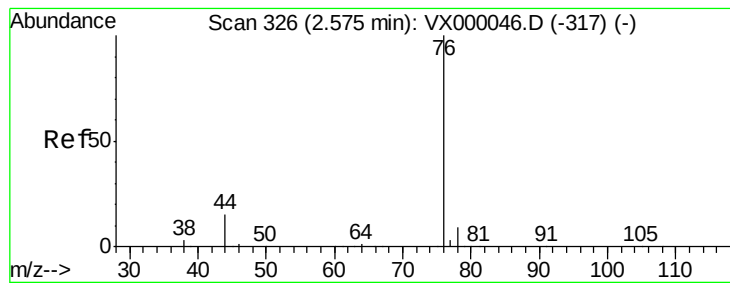
Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion:	43	Resp:	2889
Ion	Ratio	Lower	Upper
43	100		
58	29.1	25.9	38.9





#17

Carbon Disulfide

Concen: 0.66 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 76 Resp: 2328

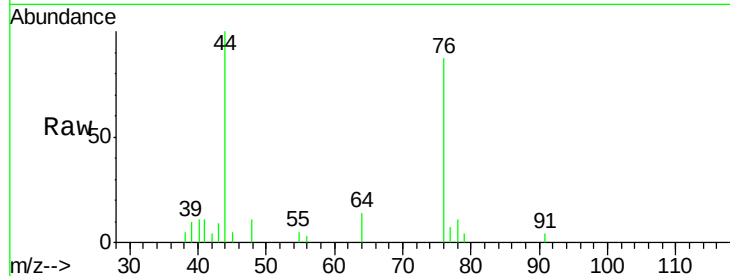
Ion Ratio Lower Upper

76 100

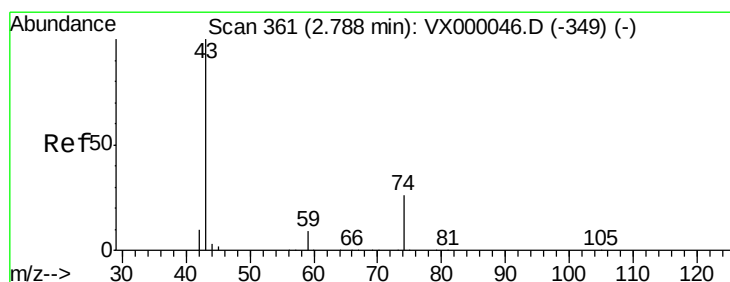
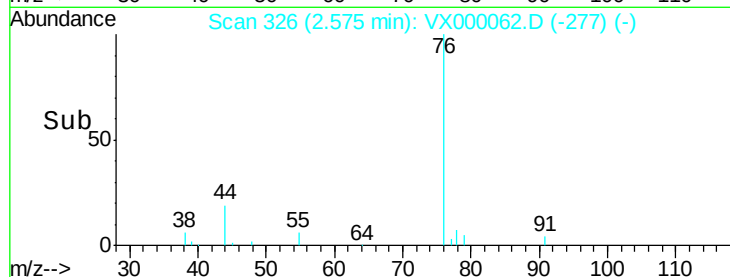
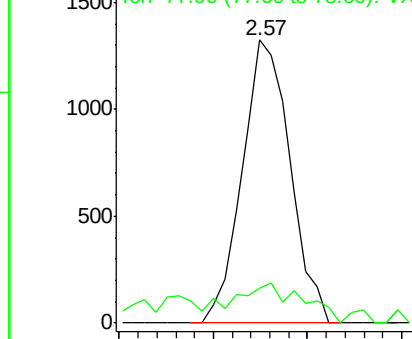
78 12.2 7.5 11.3#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.71 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000062.D

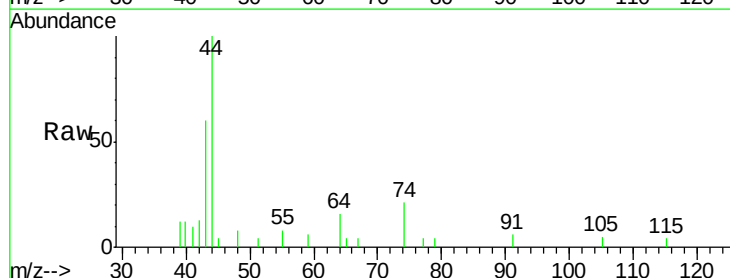
Acq: 12 Feb 2018 13:27

Tgt Ion: 43 Resp: 1384

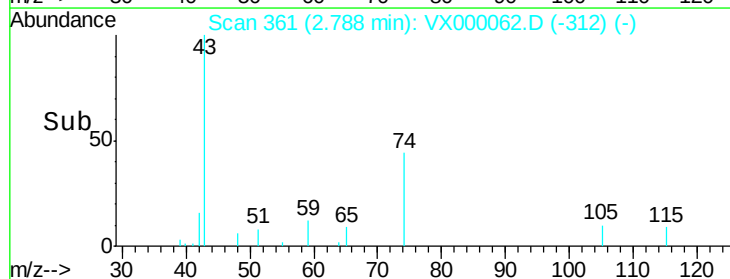
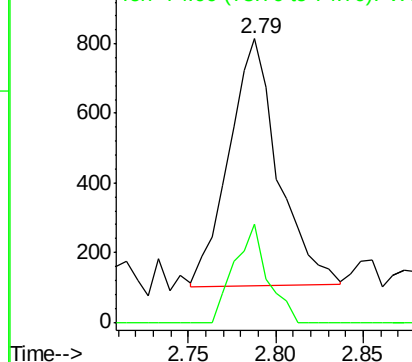
Ion Ratio Lower Upper

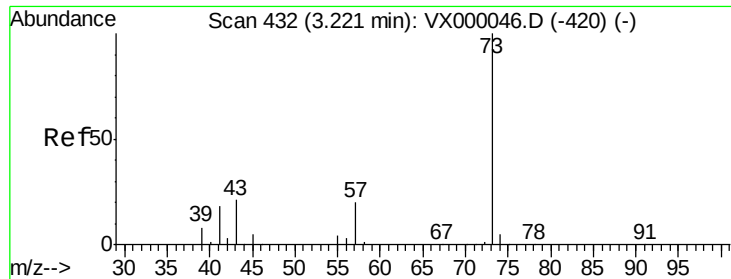
43 100

74 26.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0





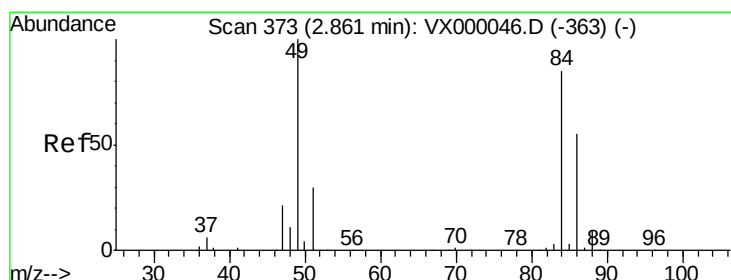
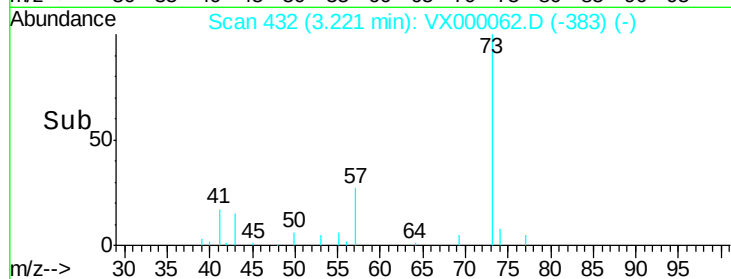
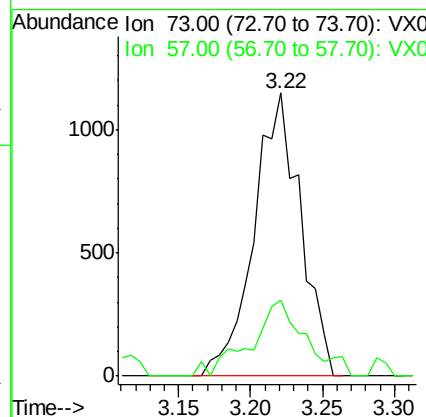
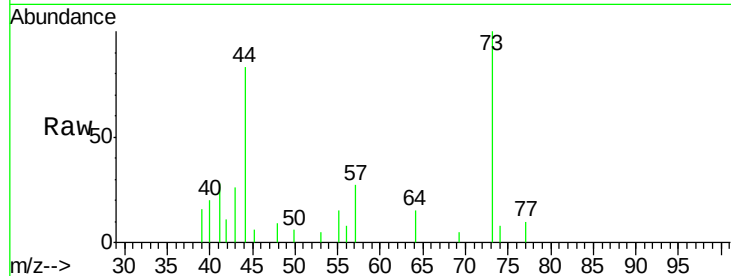
#19
Methyl tert-butyl Ether
Concen: 0.62 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion: 73 Resp: 2575
Ion Ratio Lower Upper
73 100
57 26.8 16.2 24.4#

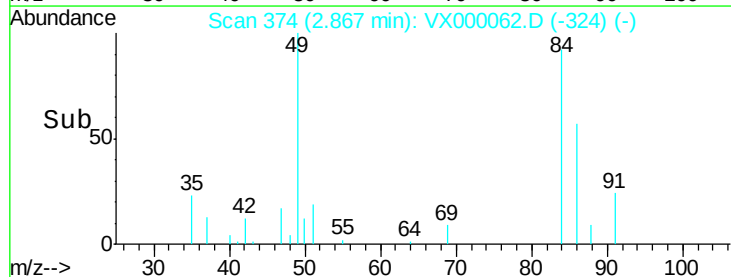
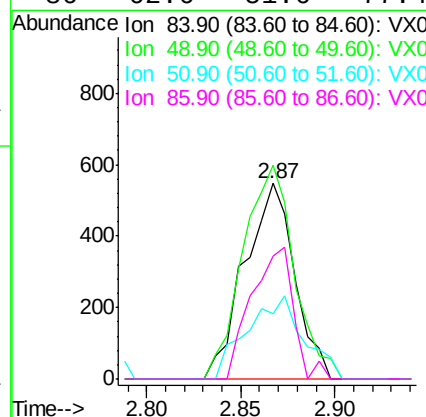
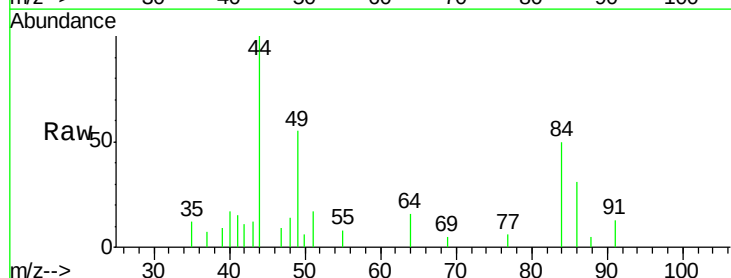
Manual Integrations
APPROVED

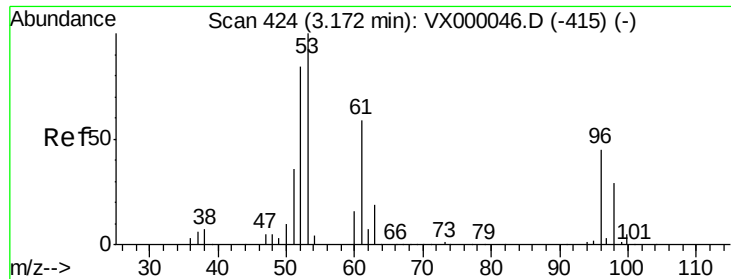
MMDadoda
2/15/2018 6:05:11 PM



#20
Methylene Chloride
Concen: 0.78 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 84 Resp: 1004
Ion Ratio Lower Upper
84 100
49 109.1 94.4 141.6
51 33.2 28.3 42.5
86 62.6 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.65 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

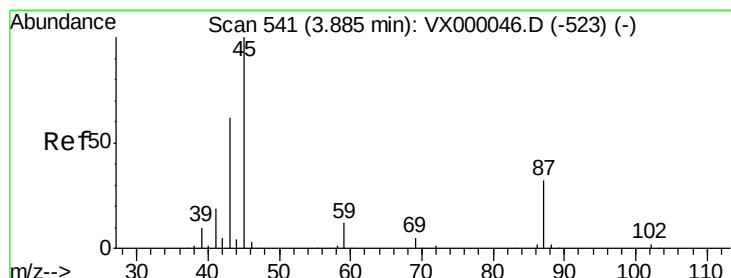
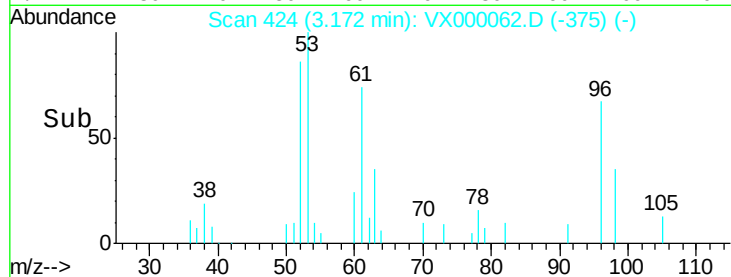
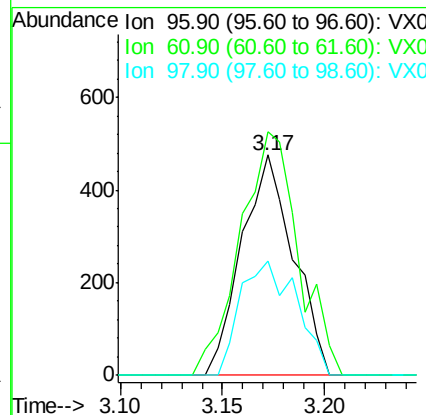
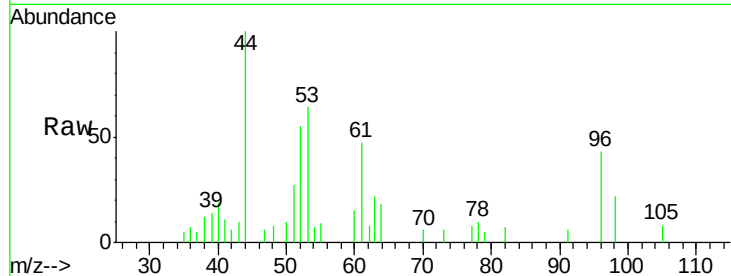
ClientSampled :

MDL 06

Tot Ion	Ratio	Lower	Upper
96	100		
61	110.5	104.9	157.3
98	52.1	52.4	78.6#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#22

Diisopropyl ether

Concen: 0.54 ug/l

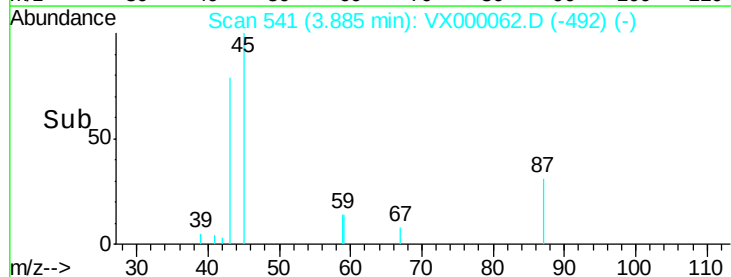
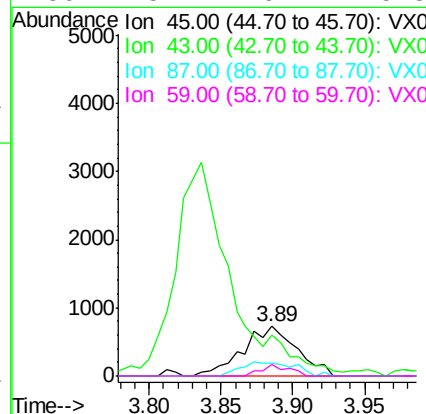
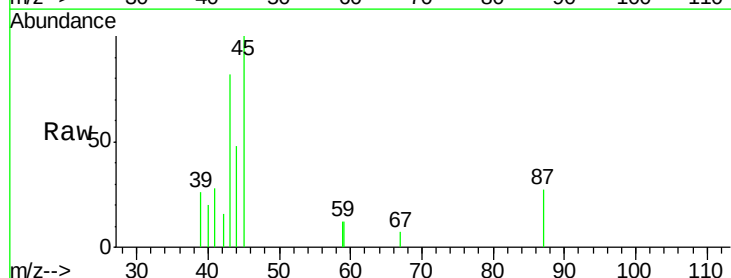
RT: 3.89 min Scan# 541

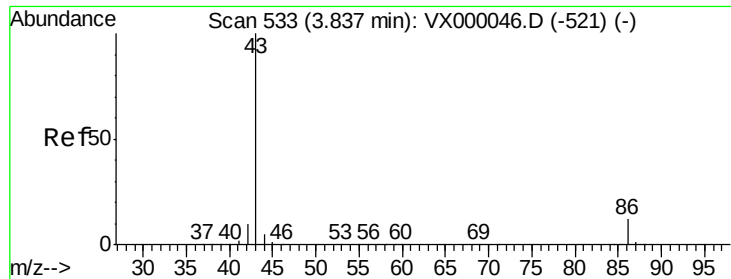
Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.3	49.6	74.4
87	27.0	25.9	38.9
59	23.7	9.2	13.8#





#23

Vinyl Acetate

Concen: 2.53 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 43 Resp: 7921

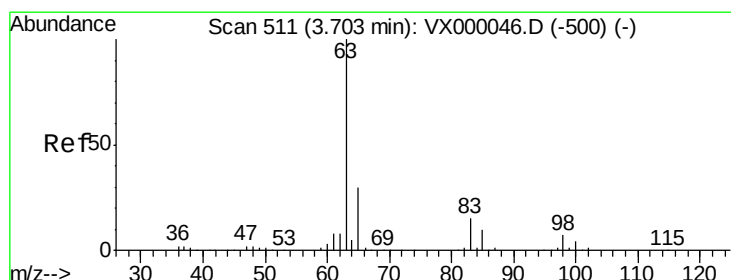
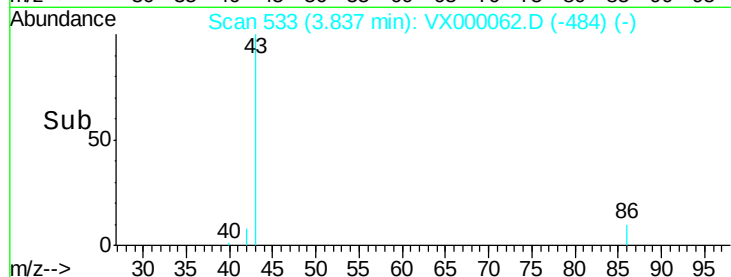
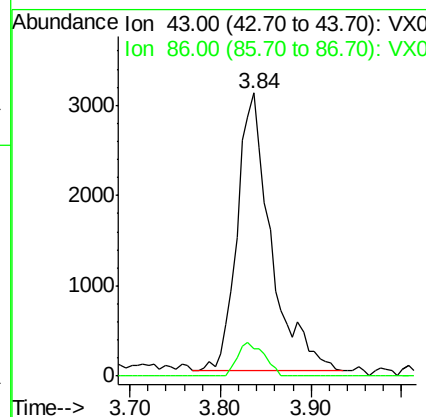
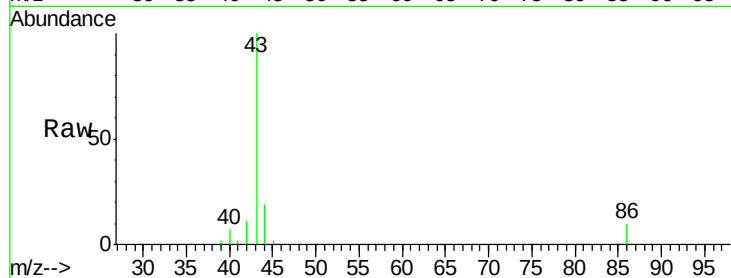
Ion Ratio Lower Upper

43 100

86 10.0 9.3 13.9

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#24

1,1-Dichloroethane

Concen: 0.66 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

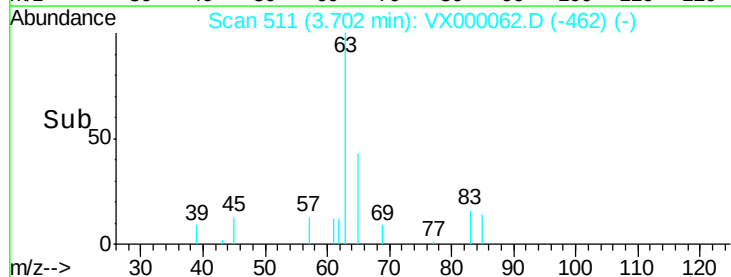
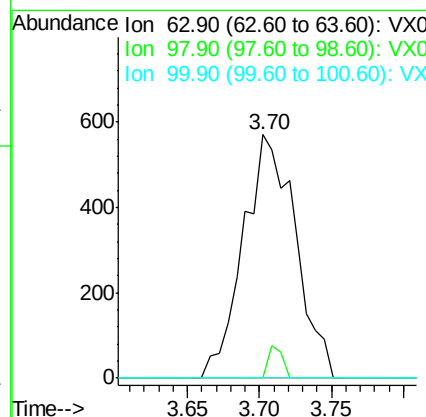
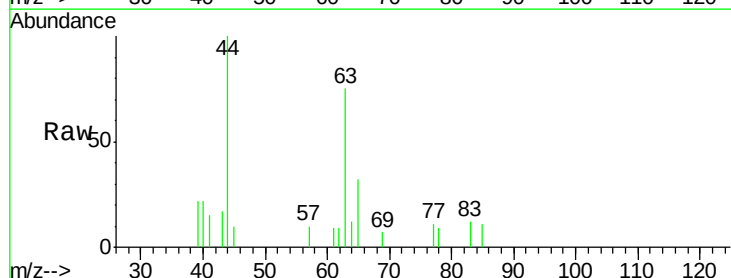
Tgt Ion: 63 Resp: 1434

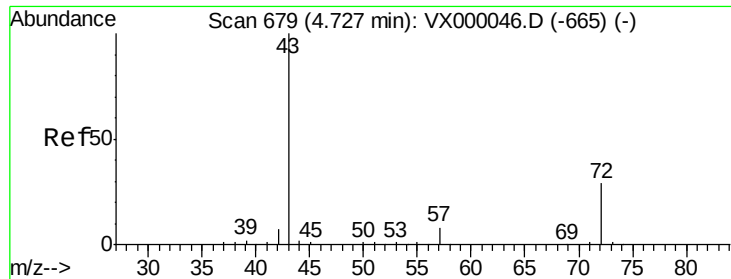
Ion Ratio Lower Upper

63 100

98 0.0 3.3 9.9#

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 3.80 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 43 Resp: 4404

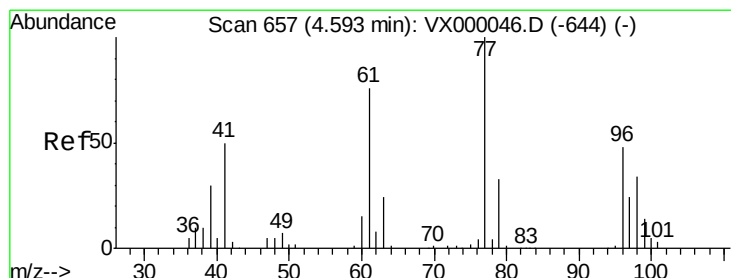
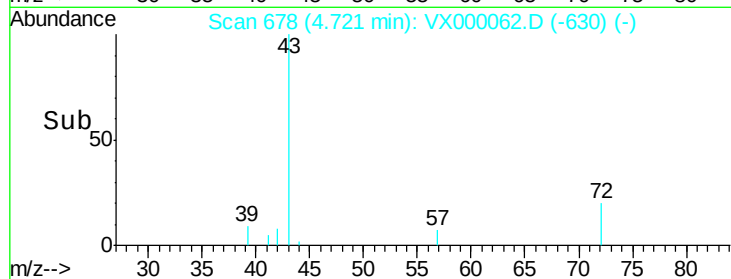
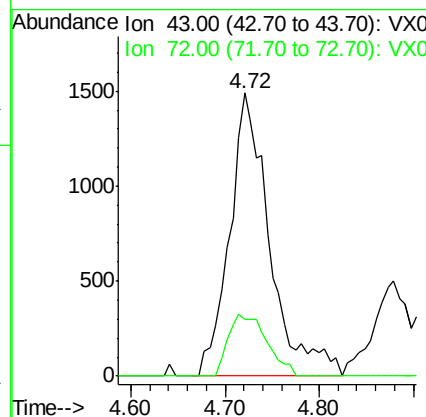
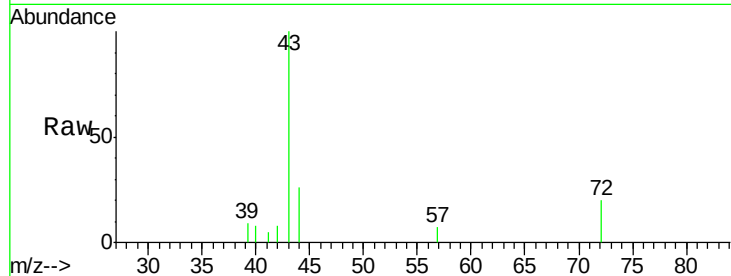
Ion Ratio Lower Upper

43 100

72 19.9 23.0 34.6#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#26

2,2-Dichloropropane

Concen: 0.68 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000062.D

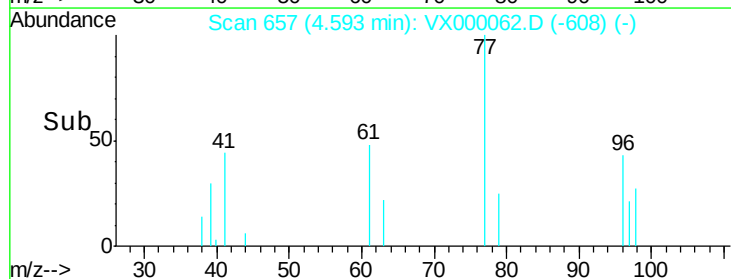
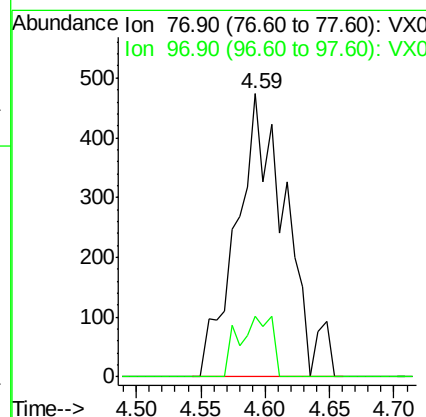
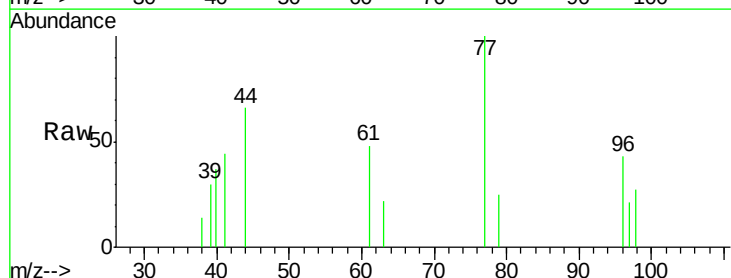
Acq: 12 Feb 2018 13:27

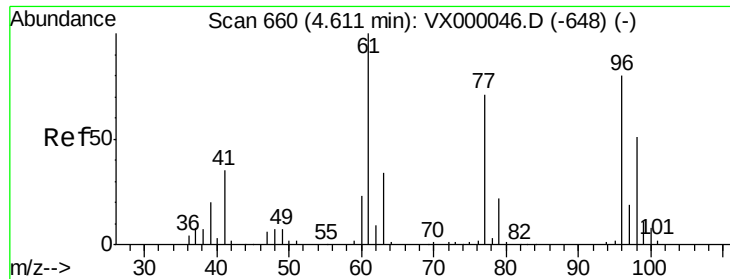
Tgt Ion: 77 Resp: 1261

Ion Ratio Lower Upper

77 100

97 14.4 11.8 35.4





#27

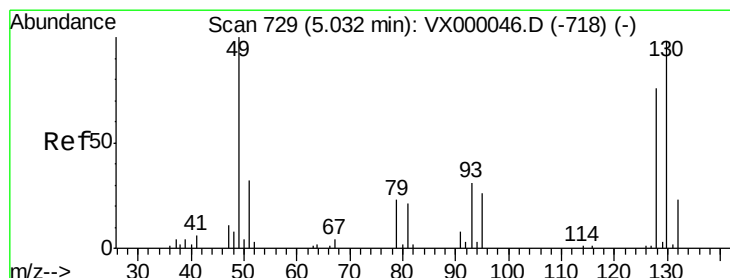
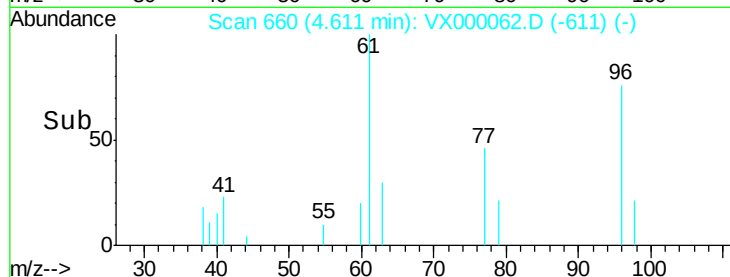
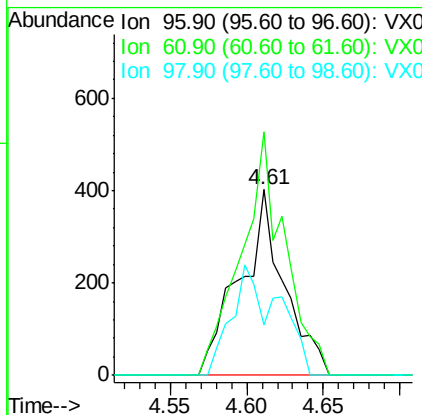
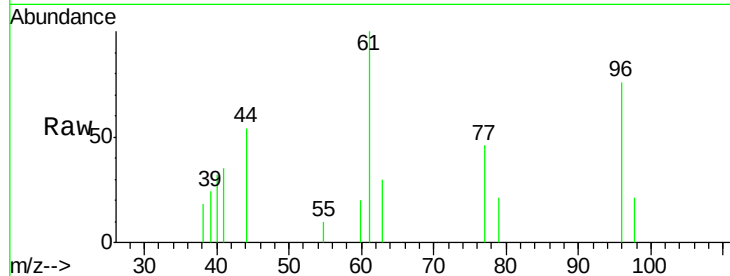
cis-1,2-Dichloroethene
Concen: 0.64 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.8	0.0	274.4
98	38.2	0.0	132.4

Manual Integrations
APPROVED

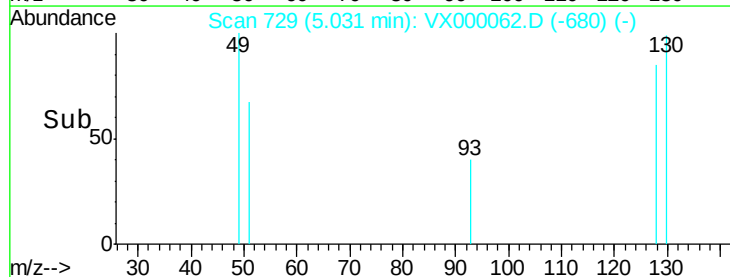
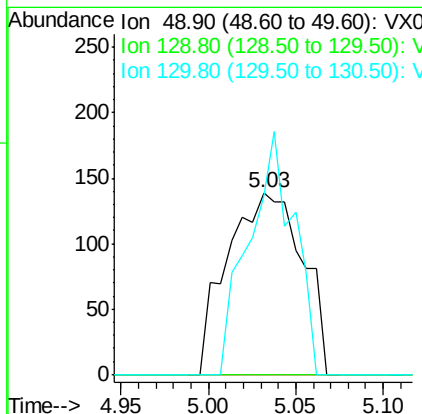
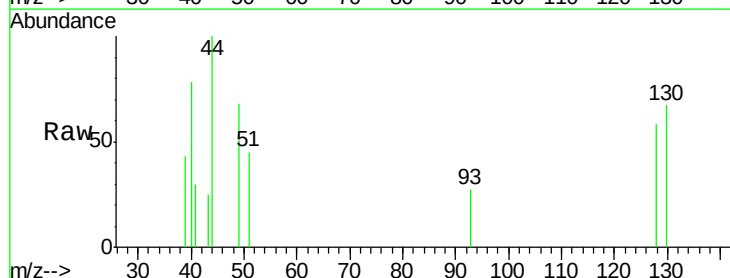
MMDadoda
2/15/2018 6:05:11 PM

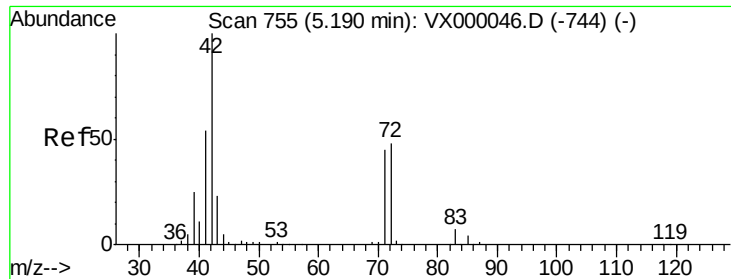


#28

Bromochloromethane
Concen: 0.58 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	80.0	75.6	113.4





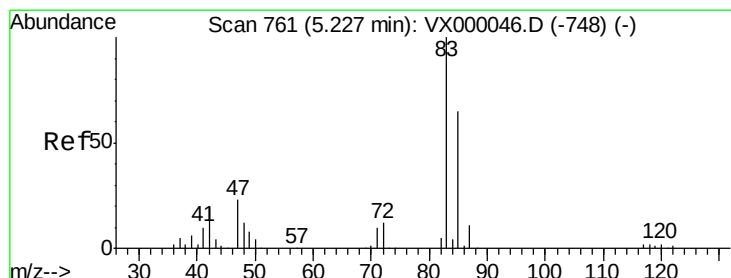
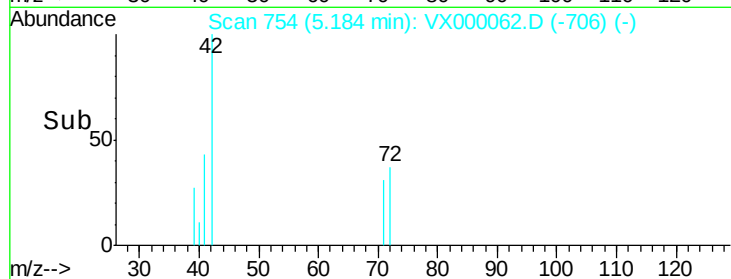
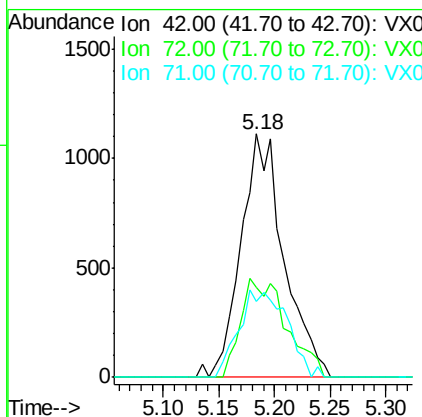
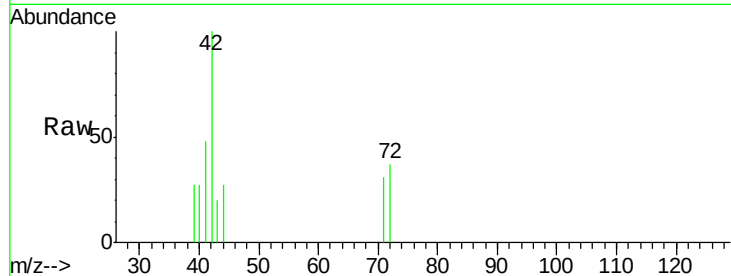
#29
Tetrahydrofuran
Concen: 3.76 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	39.0	58.6
71	40.2	36.7	55.1

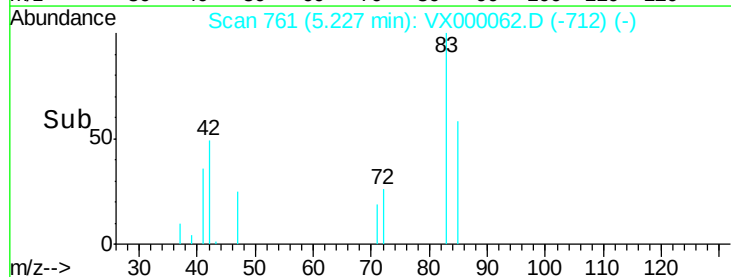
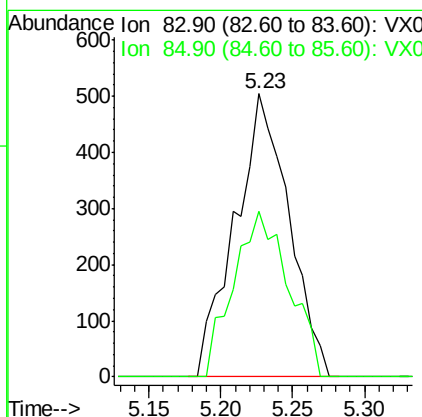
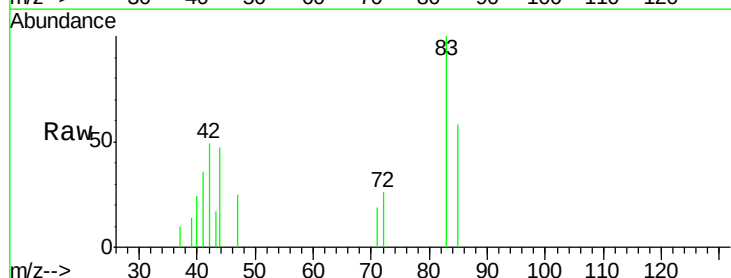
Manual Integrations
APPROVED

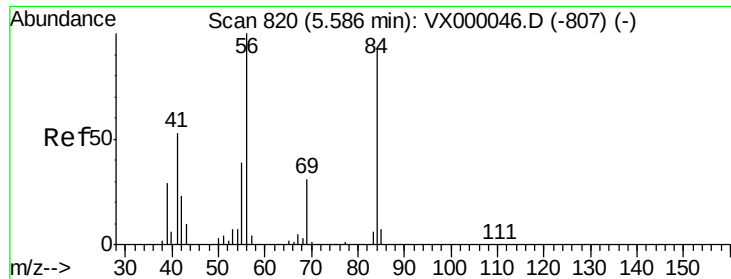
MMDadoda
2/15/2018 6:05:11 PM



#30
Chloroform
Concen: 0.60 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.3	51.9	77.9





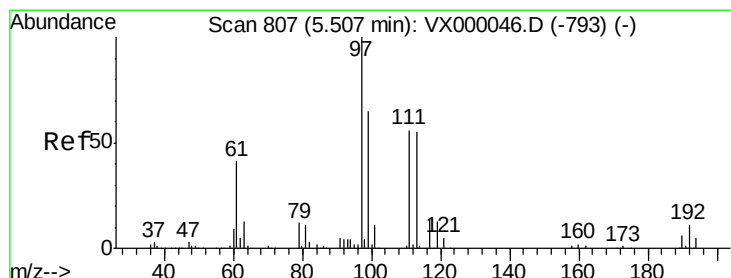
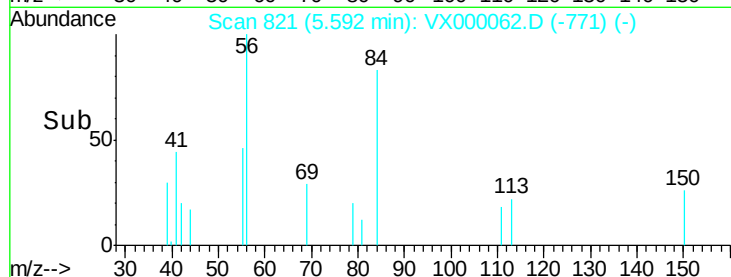
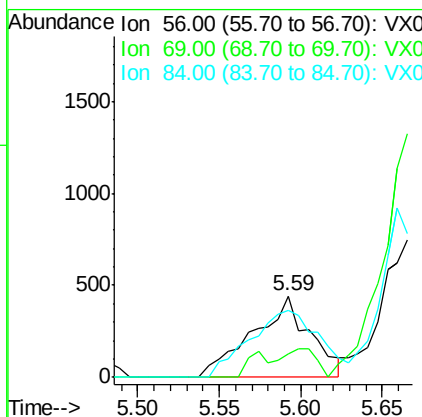
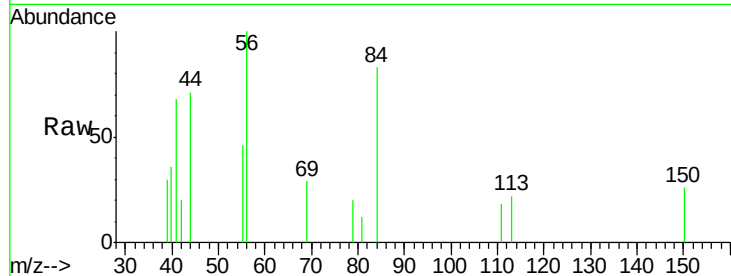
#31
Cyclohexane
Concen: 0.61 ug/l
RT: 5.59 min Scan# 821
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	24.5	36.7
84	82.5	74.8	112.2

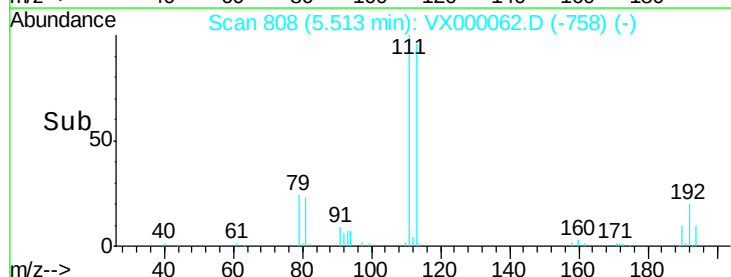
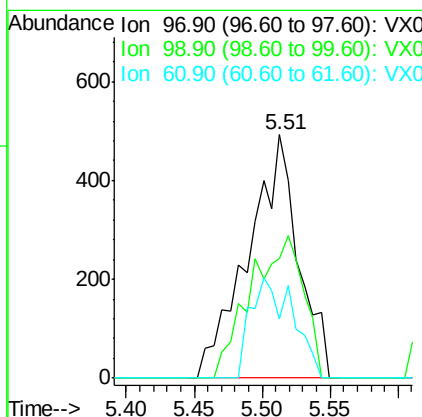
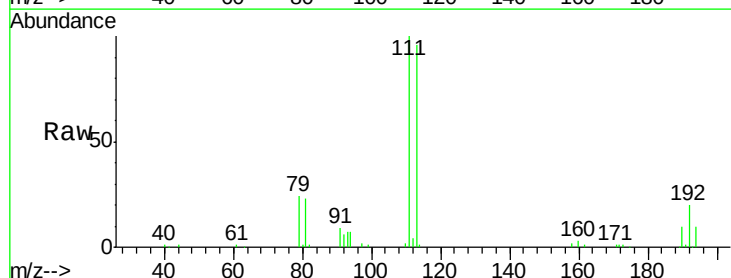
Manual Integrations
APPROVED

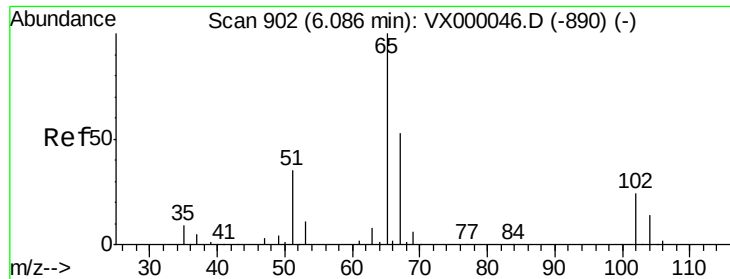
MMDadoda
2/15/2018 6:05:11 PM



#32
1,1,1-Trichloroethane
Concen: 0.62 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	34.7	32.1	48.1





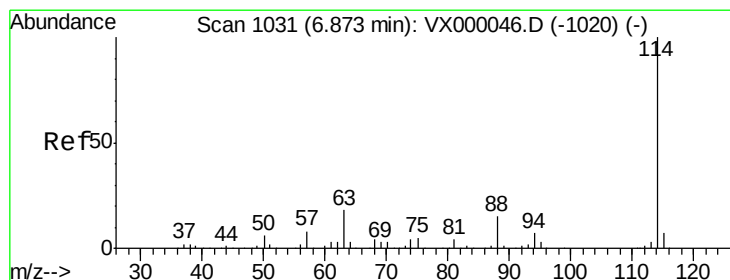
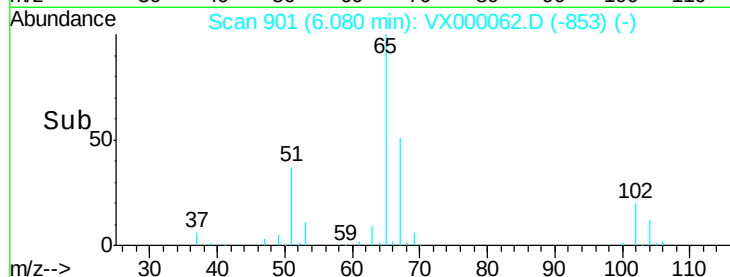
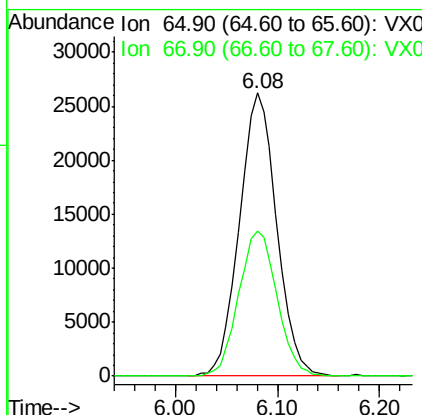
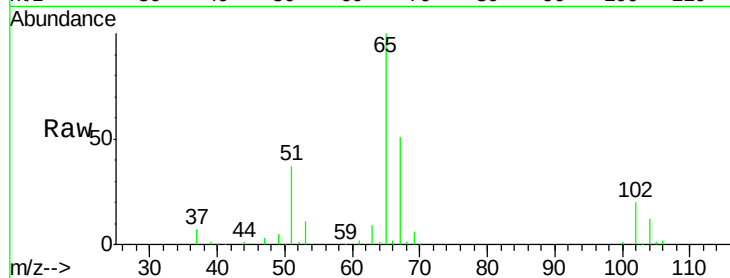
#33
 1,2-Dichloroethane-d4
 Concen: 51.24 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion	Ratio	Resp	Lower	Upper
65	100	66532		
67	52.8	0.0	106.0	

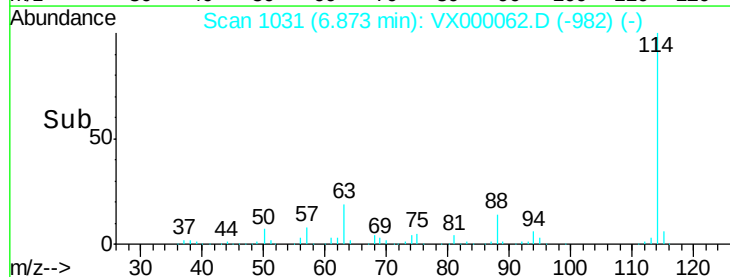
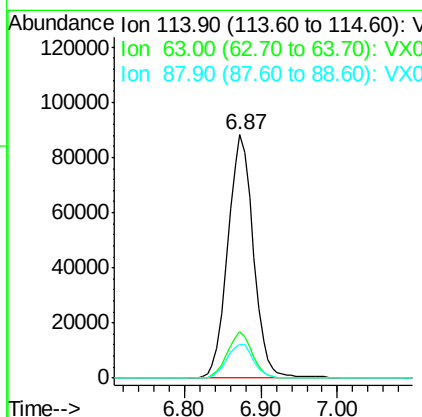
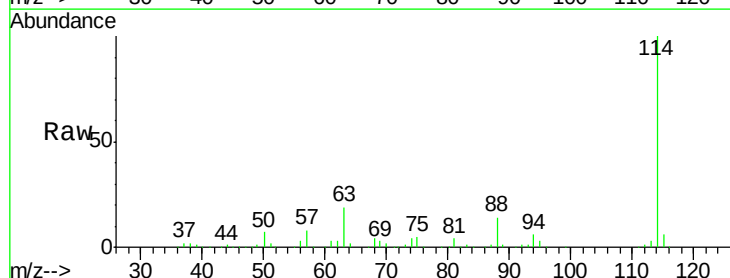
Manual Integrations
 APPROVED

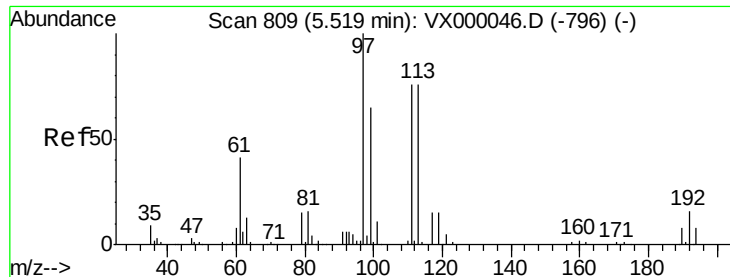
MMDadoda
 2/15/2018 6:05:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	204296		
63	19.0	0.0	36.0	
88	14.0	0.0	30.4	





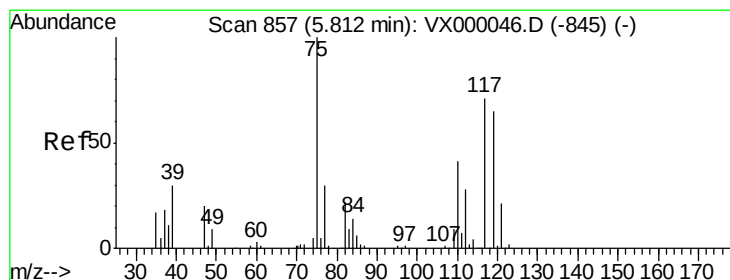
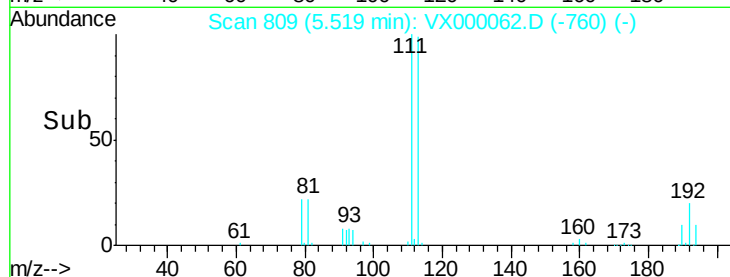
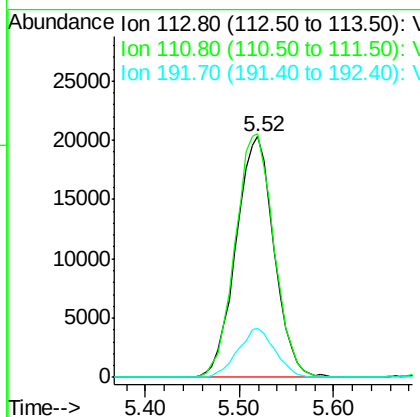
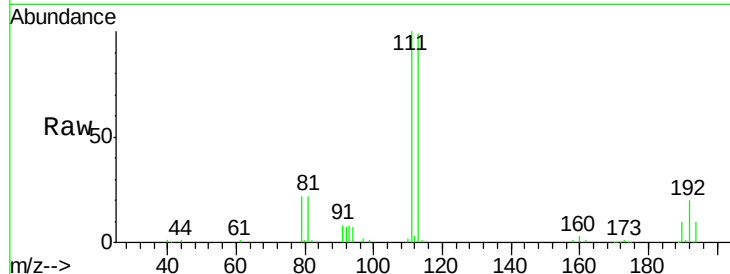
#35
 Dibromofluoromethane
 Concen: 48.03 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion	Ratio	Resp	Lower	Upper
113	100	57295		
111	102.7		80.5	120.7
192	20.0		16.9	25.3

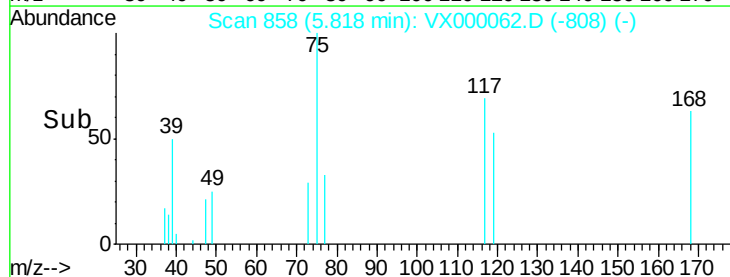
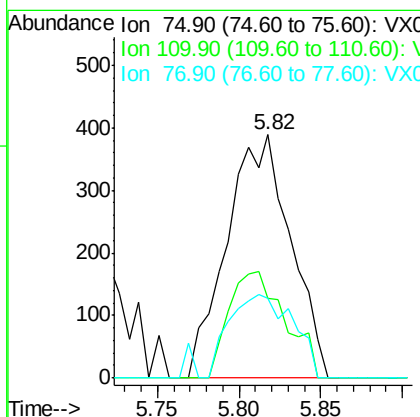
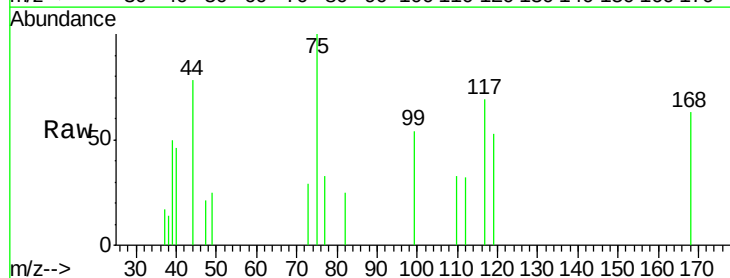
Manual Integrations
 APPROVED

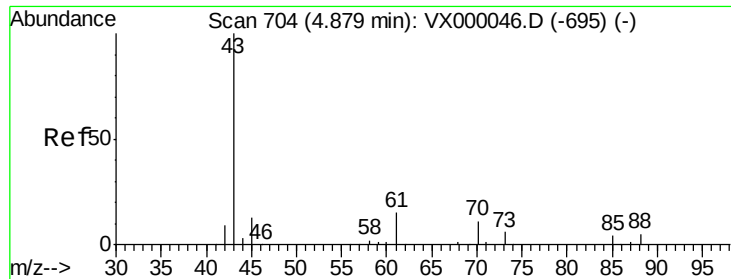
MMDadoda
 2/15/2018 6:05:11 PM



#36
 1,1-Dichloropropene
 Concen: 0.59 ug/l
 RT: 5.82 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1057		
110	38.5		19.4	58.4
77	34.4		24.2	36.4





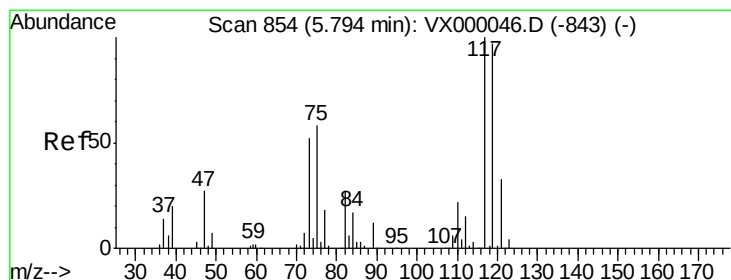
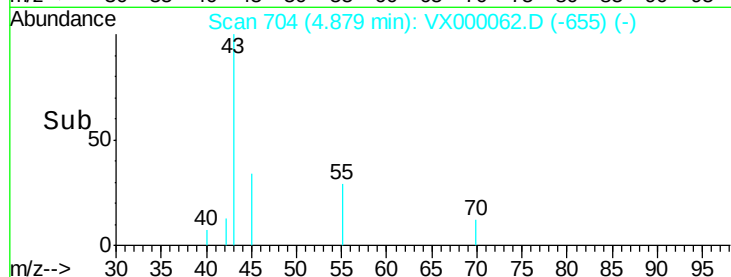
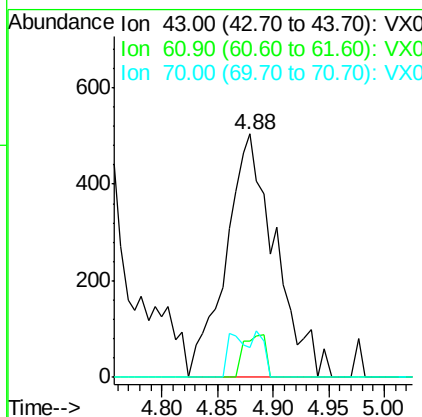
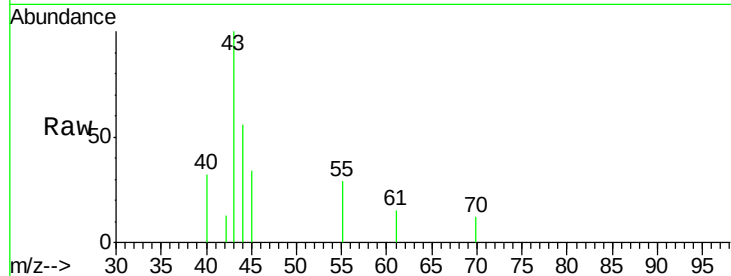
#37
Ethyl Acetate
Concen: 0.68 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
43	100		
61	7.6	11.4	17.2#
70	0.0	9.0	13.6#

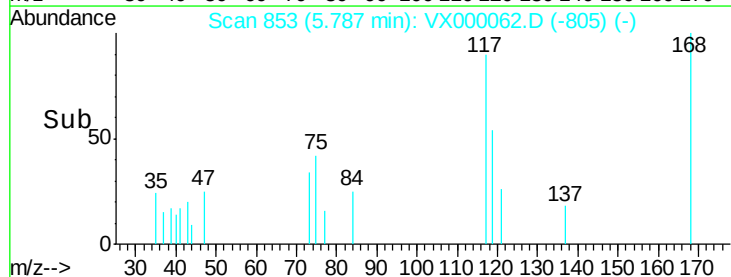
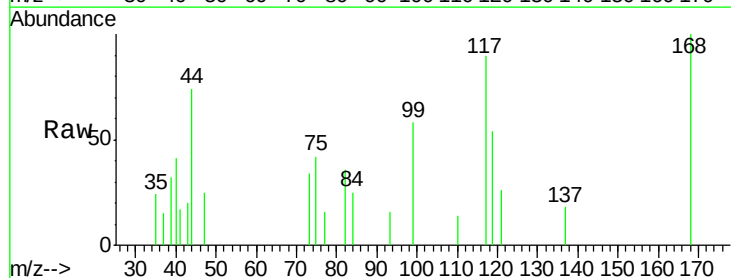
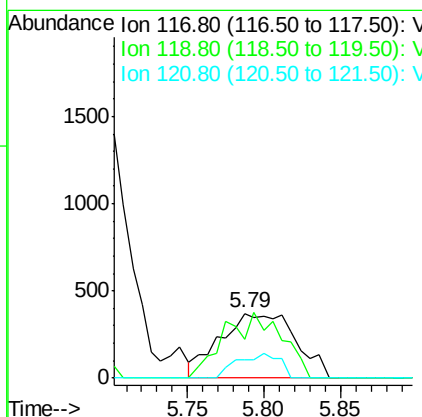
Manual Integrations
APPROVED

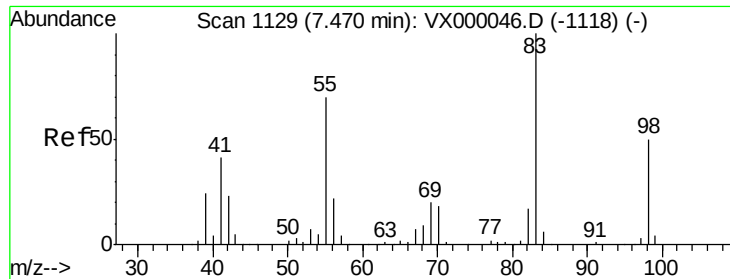
MMDadoda
2/15/2018 6:05:11 PM



#38
Carbon Tetrachloride
Concen: 0.64 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	59.9	76.9	115.3#
121	28.5	25.8	38.8





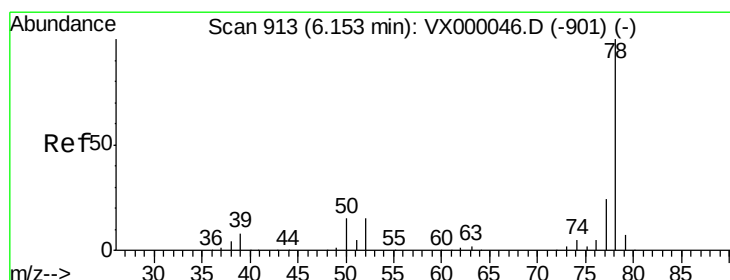
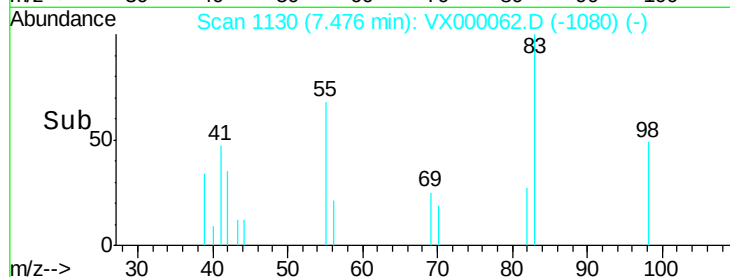
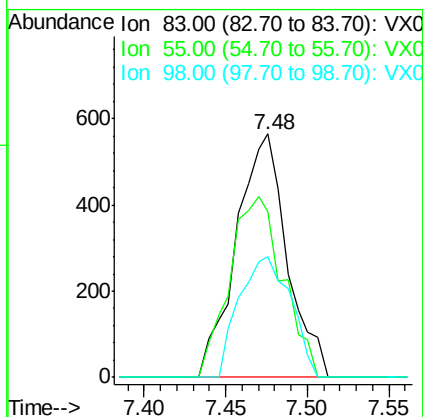
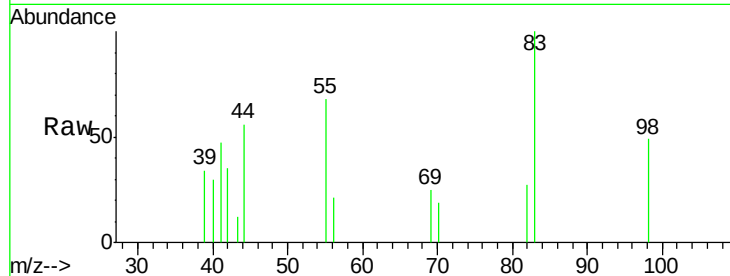
#39
Methylvlcyclohexane
Concen: 0.57 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	55.7	83.5
98	49.4	39.7	59.5

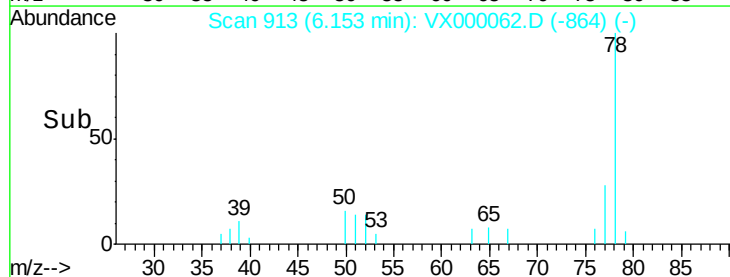
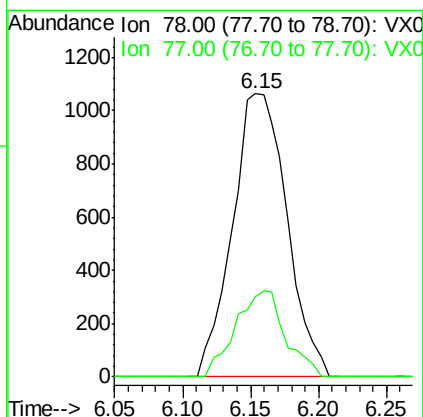
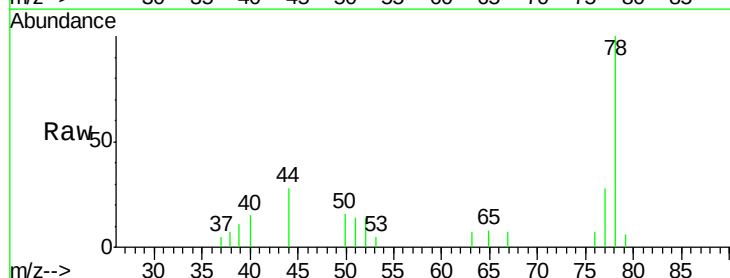
Manual Integrations
APPROVED

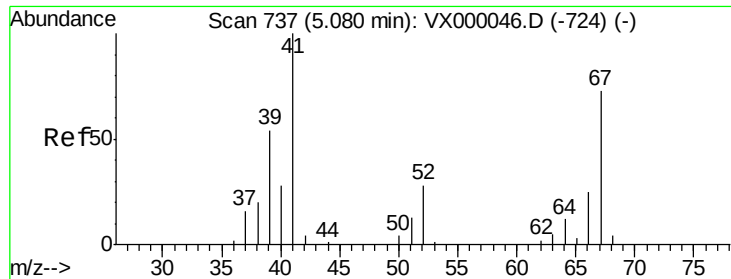
MMDadoda
2/15/2018 6:05:11 PM



#40
Benzene
Concen: 0.59 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	28.4	19.4	29.2





#41

Methacrylonitrile

Concen: 0.85 ug/l m

RT: 5.08 min Scan# 737

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

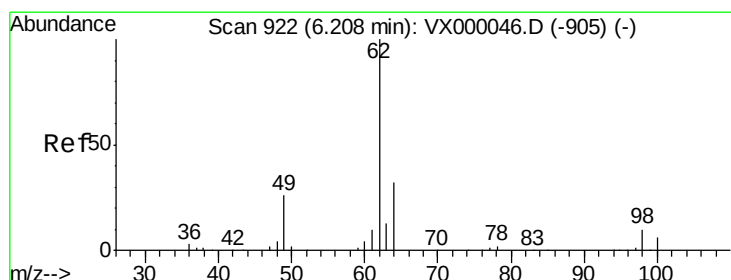
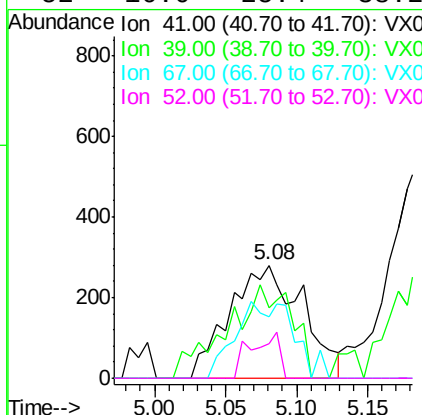
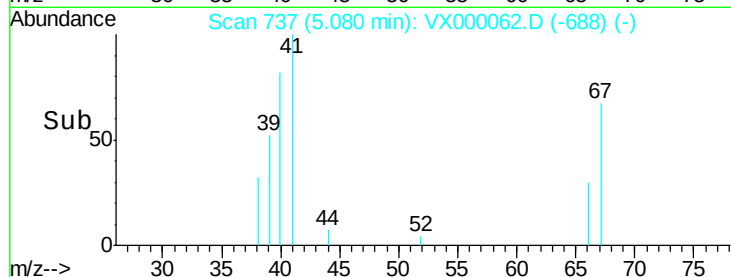
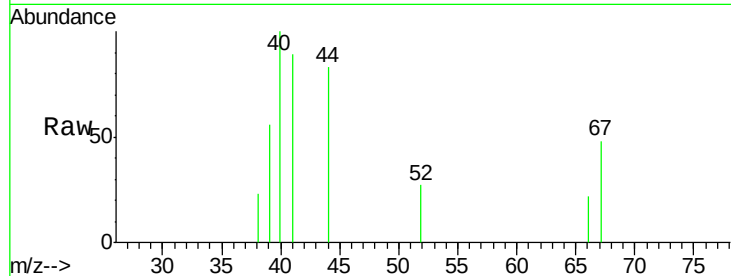
ClientSampled :

MDL 06

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	73.2	45.8	68.8#	
67	31.2	60.6	91.0#	
52	16.0	25.4	38.2#	

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#42

1,2-Dichloroethane

Concen: 0.59 ug/l

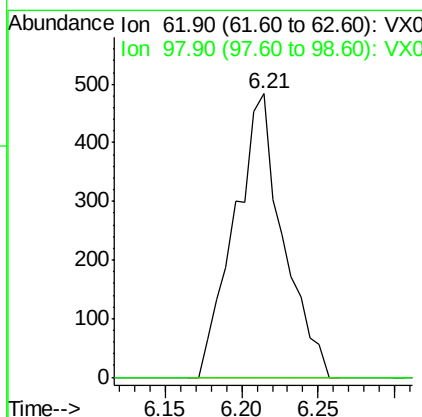
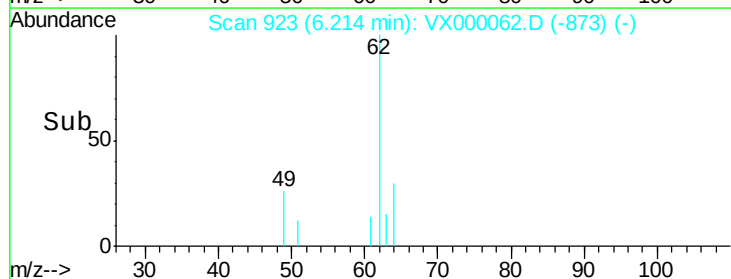
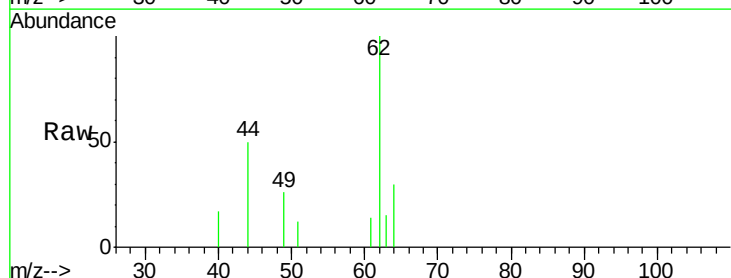
RT: 6.21 min Scan# 923

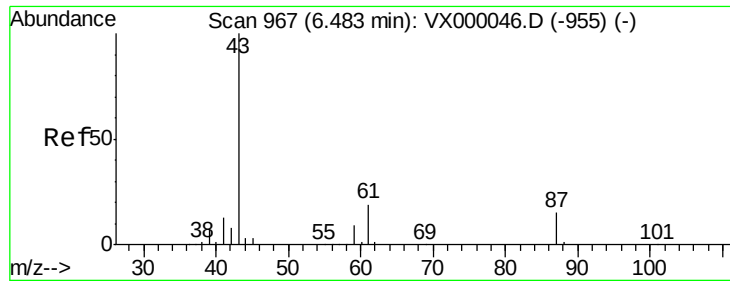
Delta R.T. 0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

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





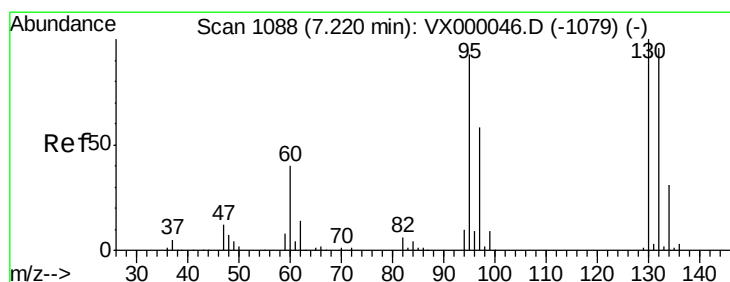
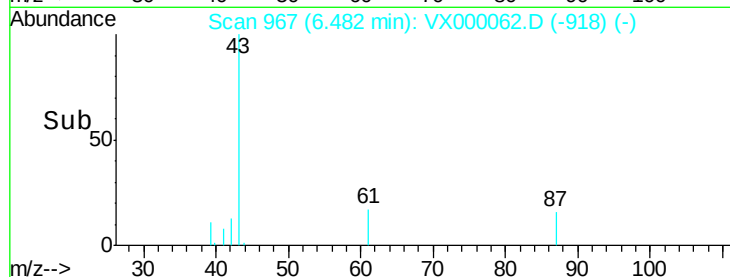
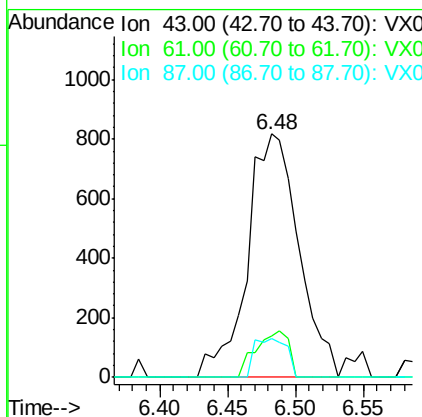
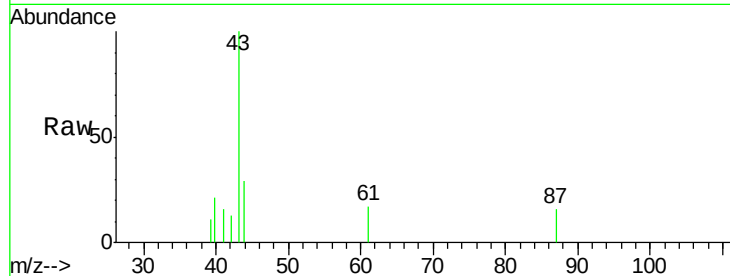
#43
Isopropyl Acetate
Concen: 0.62 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.2	15.9	23.9#
87	10.0	11.8	17.6#

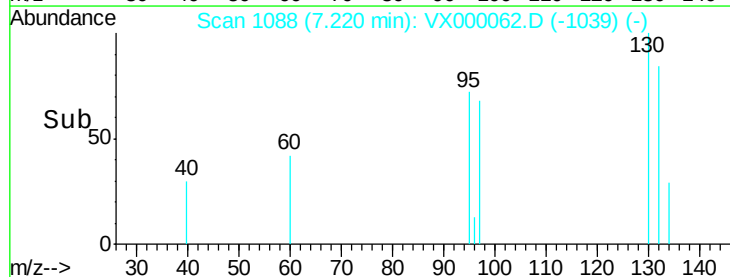
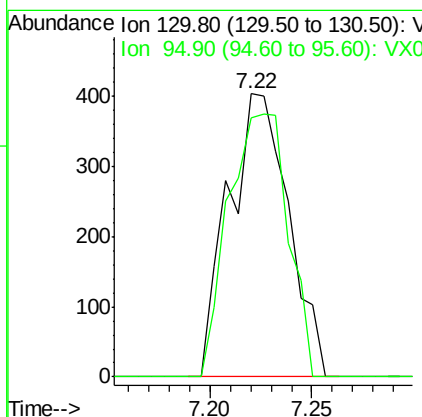
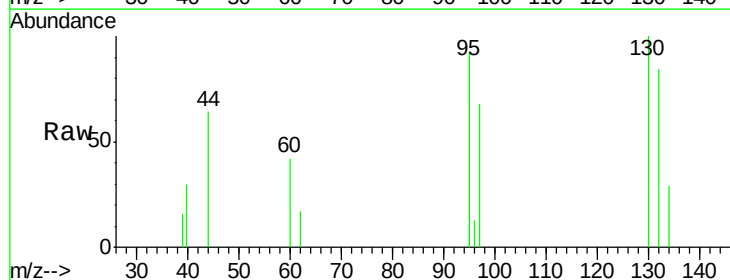
Manual Integrations
APPROVED

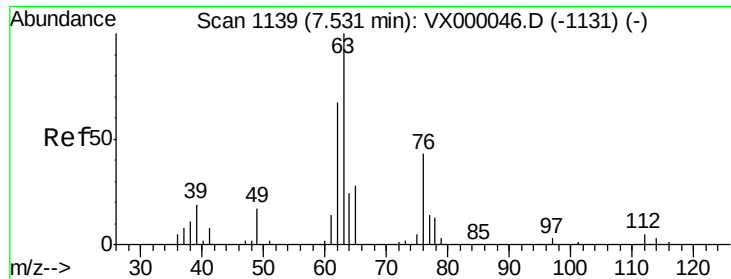
MMDadoda
2/15/2018 6:05:11 PM



#44
Trichloroethene
Concen: 0.53 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	185.2





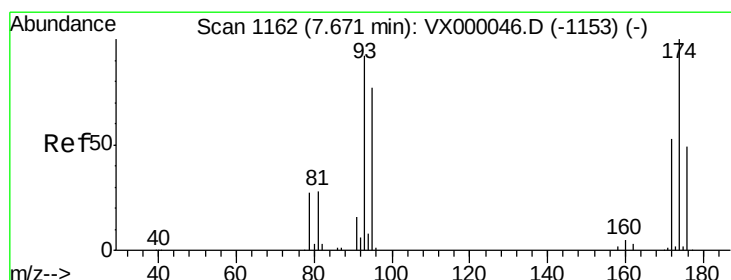
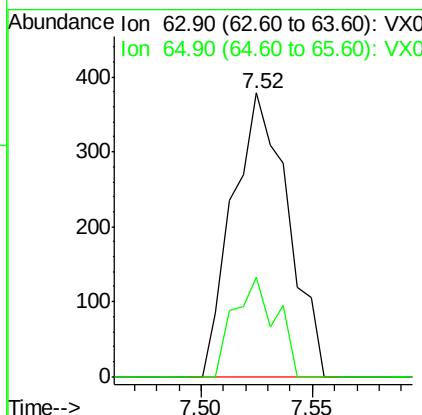
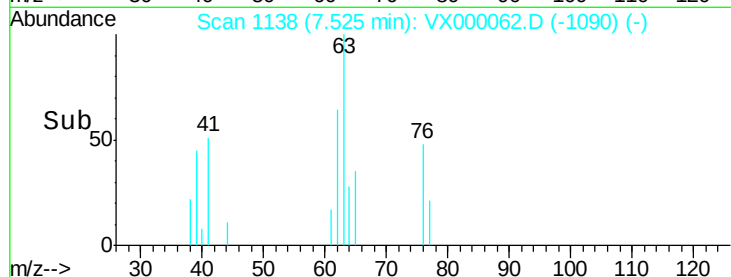
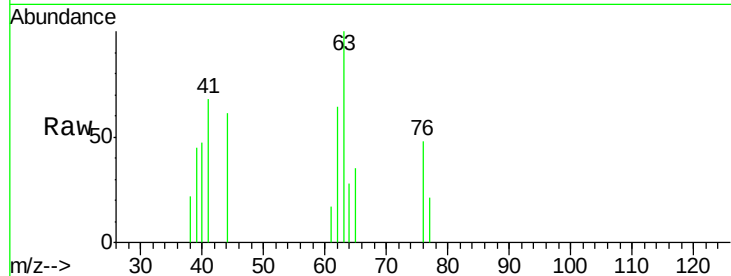
#45
 1,2-Dichloropropane
 Concen: 0.53 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion: 63 Resp: 653
 Ion Ratio Lower Upper
 63 100
 65 34.9 23.7 35.5

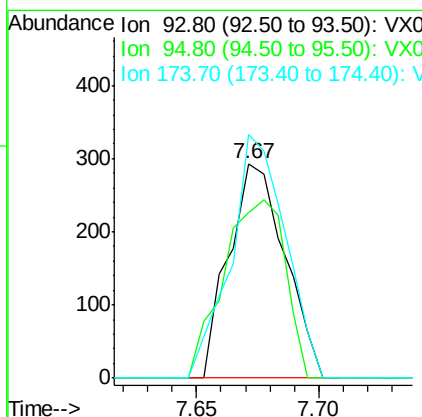
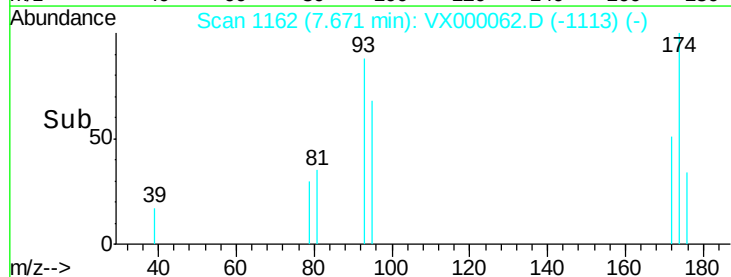
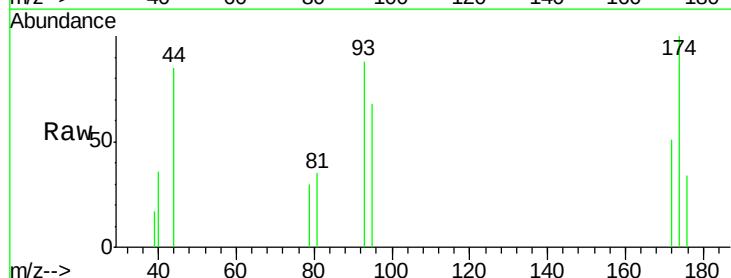
Manual Integrations
 APPROVED

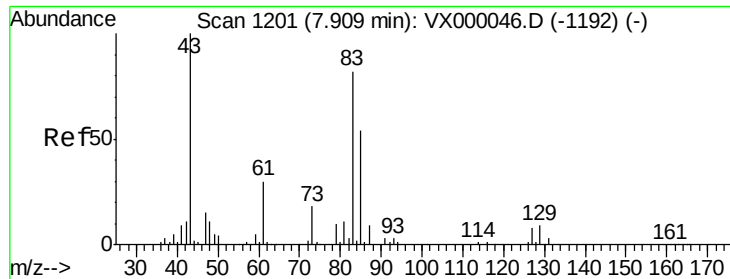
MMDadoda
 2/15/2018 6:05:11 PM



#46
 Dibromomethane
 Concen: 0.50 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion: 93 Resp: 470
 Ion Ratio Lower Upper
 93 100
 95 91.1 66.3 99.5
 174 110.6 90.4 135.6





#47

Bromodichloromethane

Concen: 0.55 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

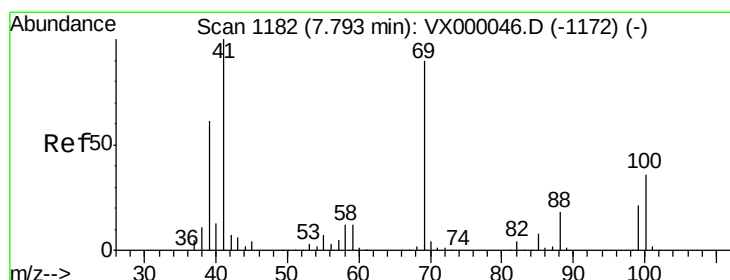
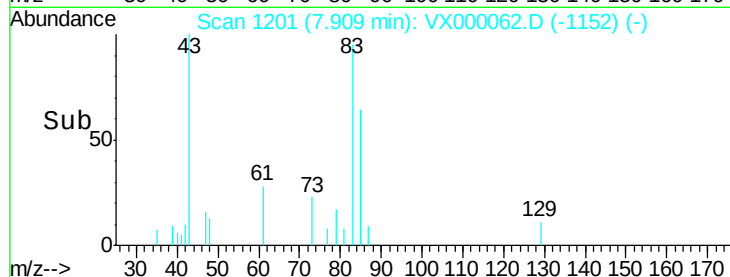
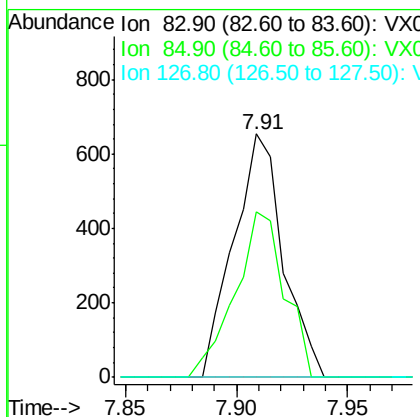
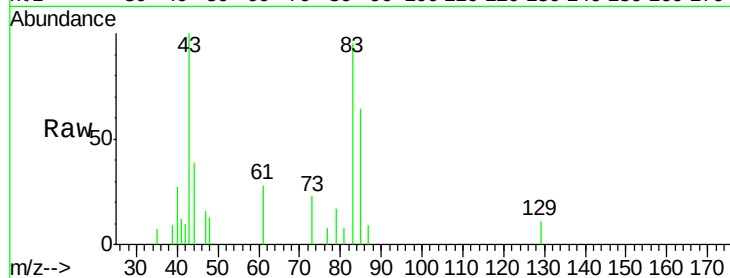
ClientSampled :

MDL 06

Tot Ion:	83	Resp:	1010
Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.3	78.5
127	0.0	7.4	11.0#

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#48

Methyl methacrylate

Concen: 0.63 ug/l

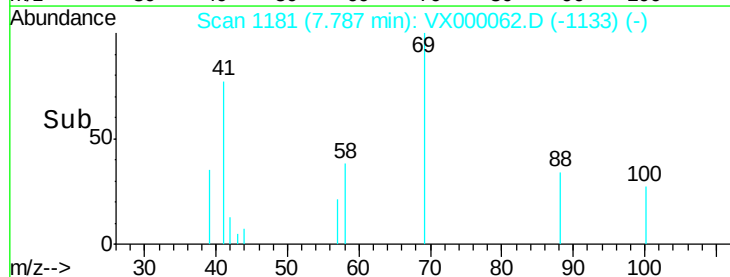
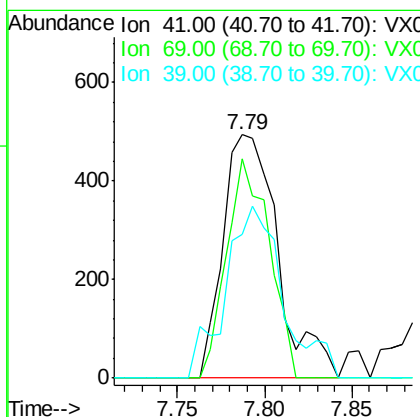
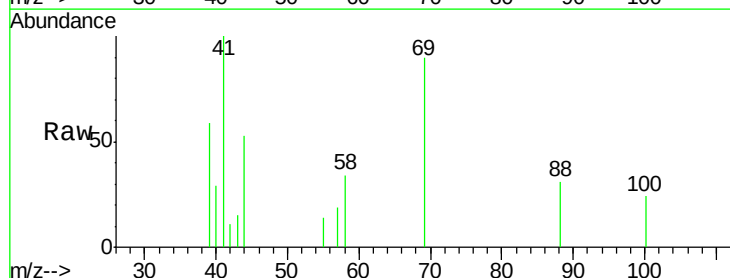
RT: 7.79 min Scan# 1181

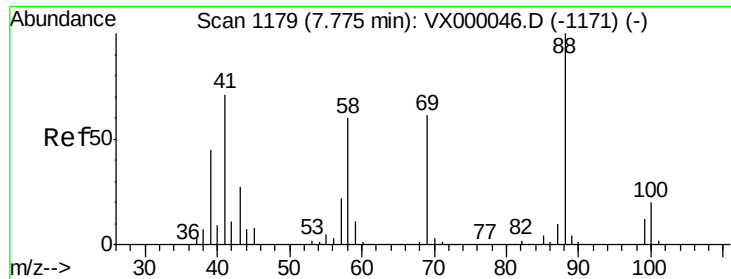
Delta R.T. -0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion:	41	Resp:	1079
Ion	Ratio	Lower	Upper
41	100		
69	70.3	72.1	108.1#
39	74.1	49.6	74.4





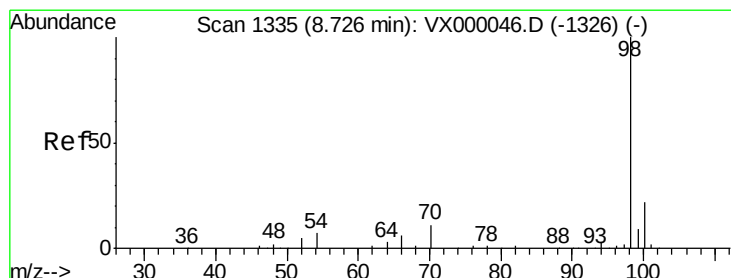
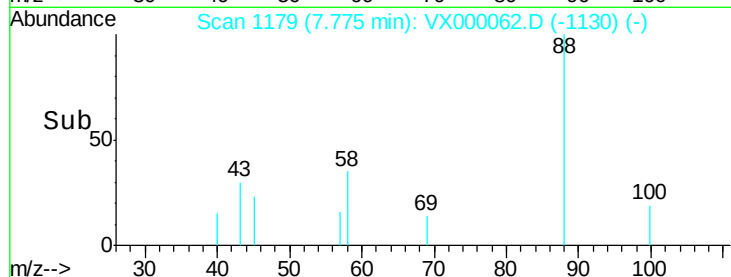
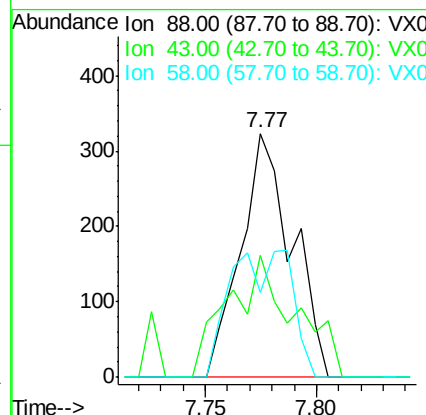
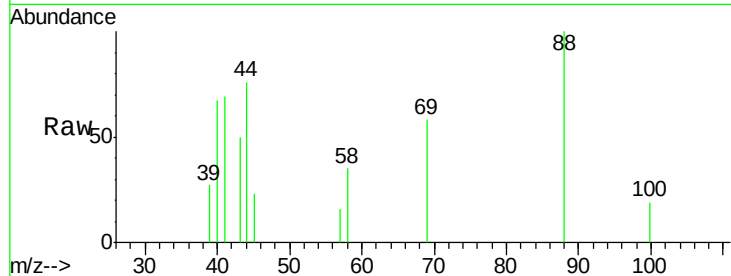
#49
1,4-Dioxane
Concen: 11.42 ug/l
RT: 7.77 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion: 88 Resp: 517
Ion Ratio Lower Upper
88 100
43 65.4 22.6 33.8#
58 35.4 49.4 74.2#

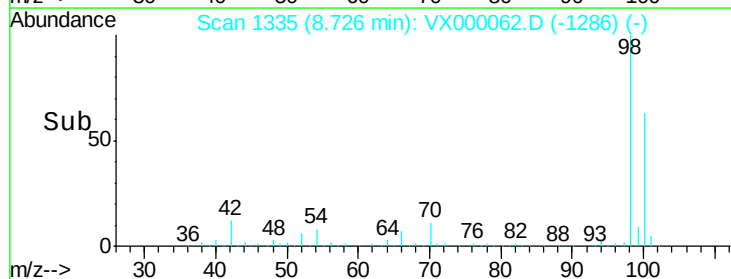
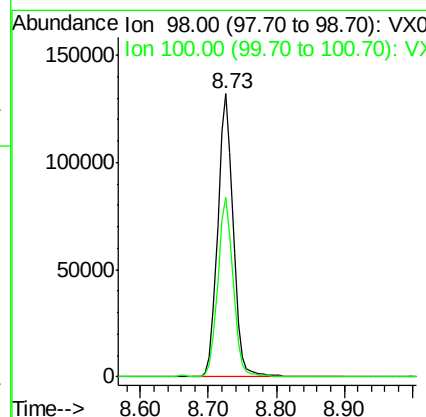
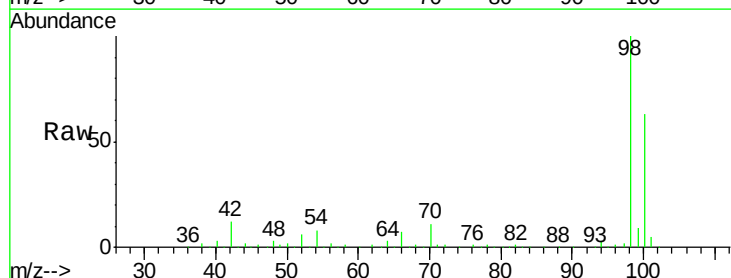
Manual Integrations
APPROVED

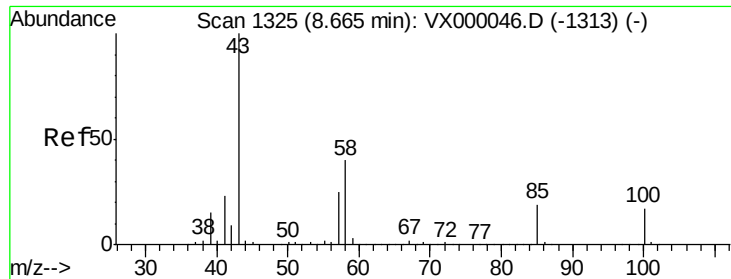
MMDadoda
2/15/2018 6:05:11 PM



#50
Toluene-d8
Concen: 47.10 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 98 Resp: 209106
Ion Ratio Lower Upper
98 100
100 63.2 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 2.84 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 43 Resp: 6846

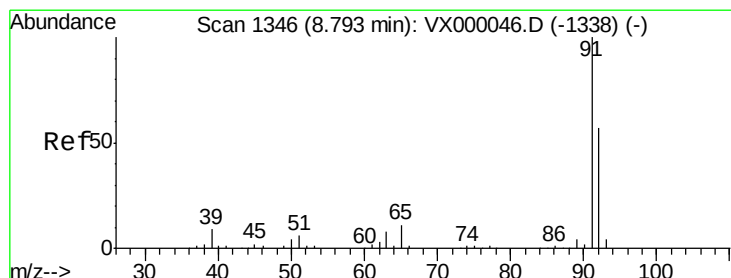
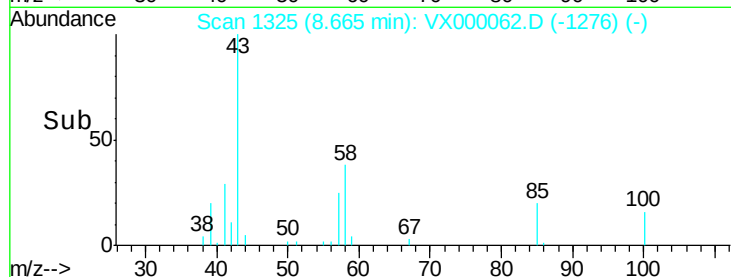
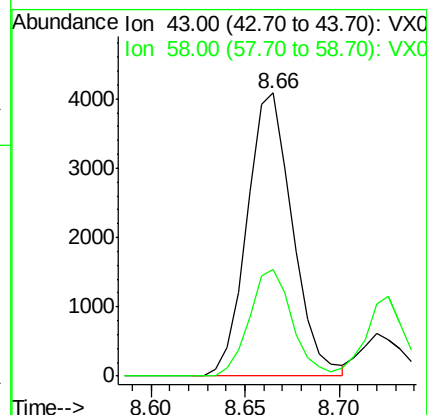
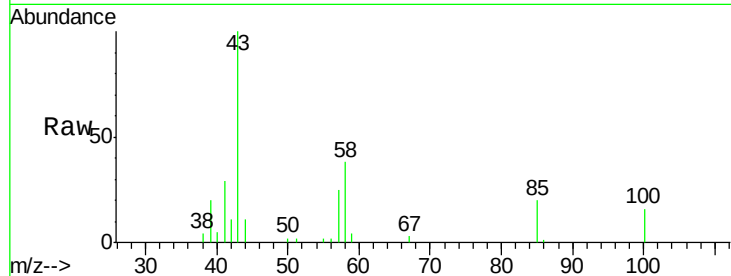
Ion Ratio Lower Upper

43 100

58 35.3 32.1 48.1

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#52

Toluene

Concen: 0.55 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000062.D

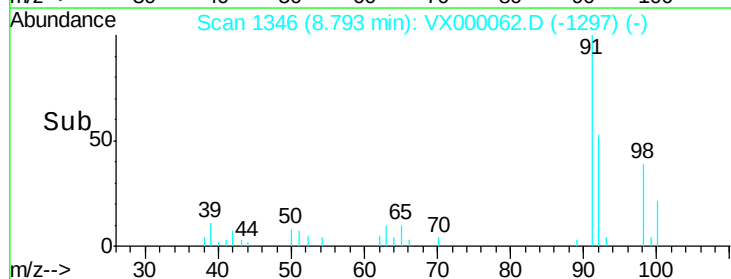
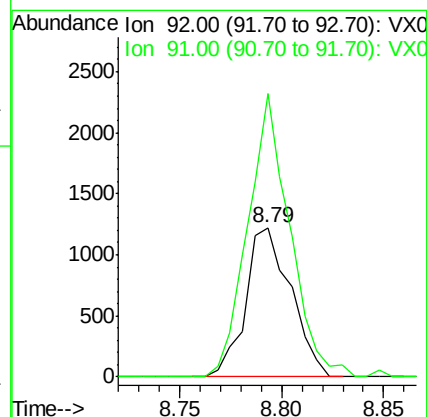
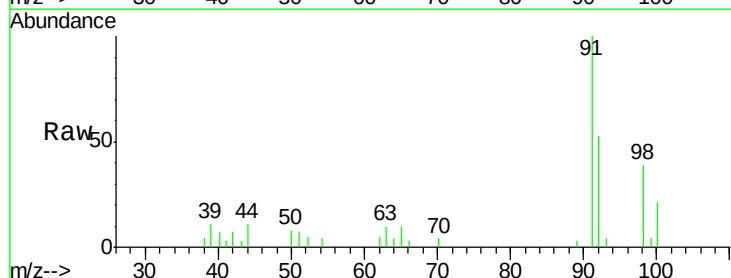
Acq: 12 Feb 2018 13:27

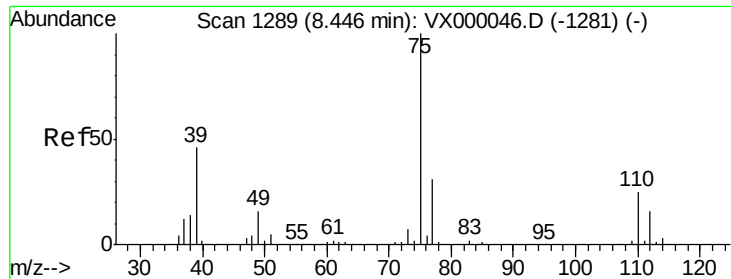
Tgt Ion: 92 Resp: 1870

Ion Ratio Lower Upper

92 100

91 177.0 139.8 209.6





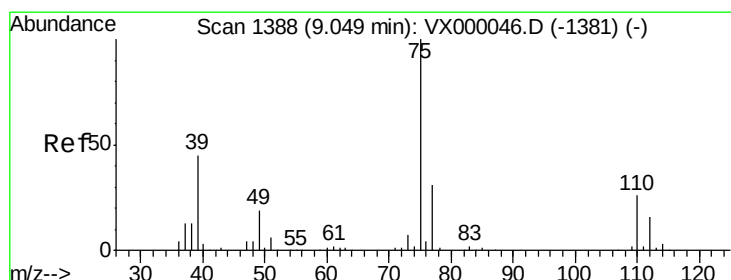
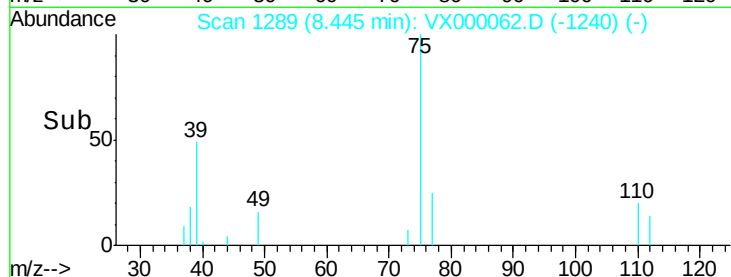
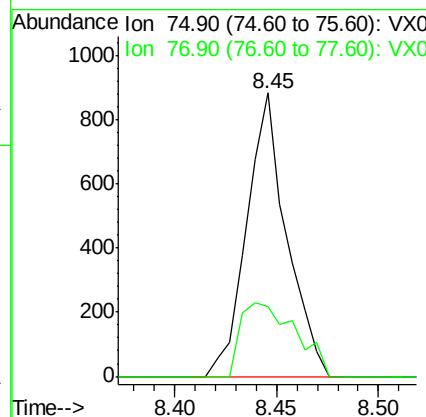
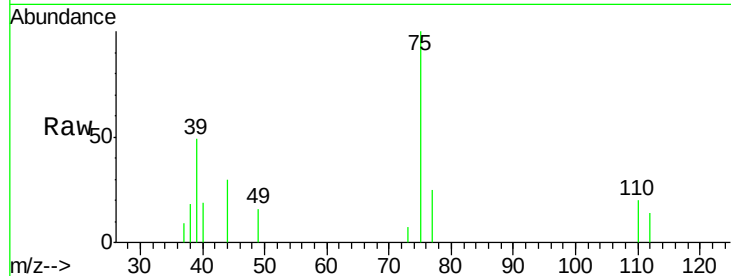
#53
 t-1,3-Dichloropropene
 Concen: 0.56 ug/l
 RT: 8.45 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 77 24.7 25.0 37.4#

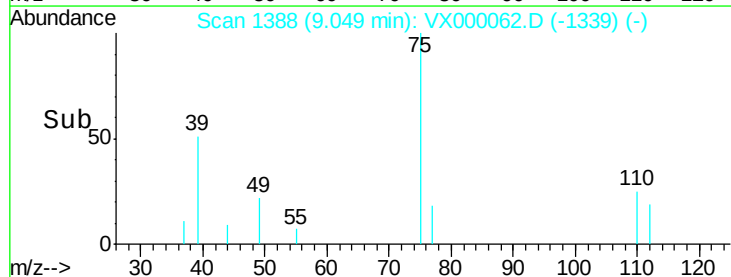
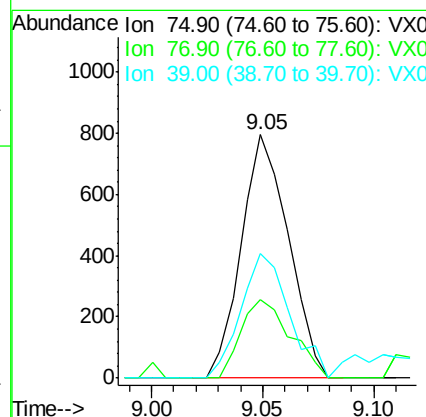
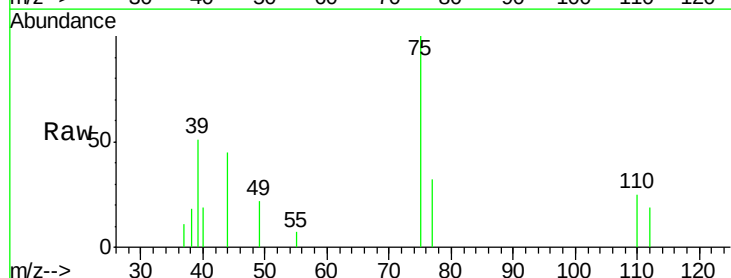
Manual Integrations
 APPROVED

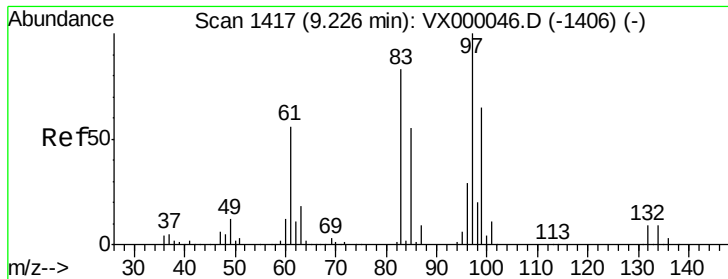
MMDadoda
 2/15/2018 6:05:11 PM



#54
 cis-1,3-Dichloropropene
 Concen: 0.56 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion: 75 Resp: 1174
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.1 37.7
 39 51.4 36.1 54.1





#55

1,1,2-Trichloroethane

Concen: 0.56 ug/l

RT: 9.23 min Scan# 1417

Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

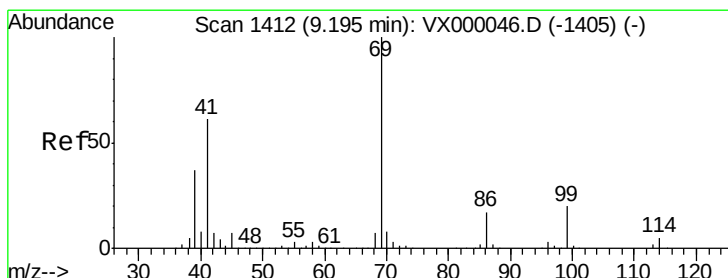
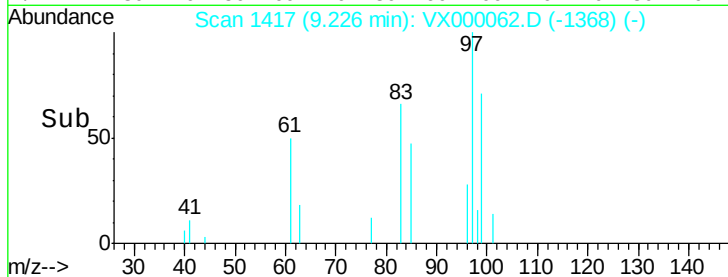
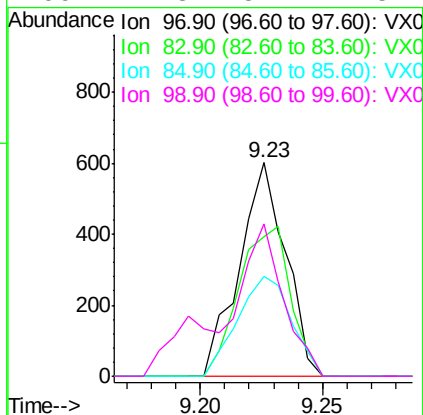
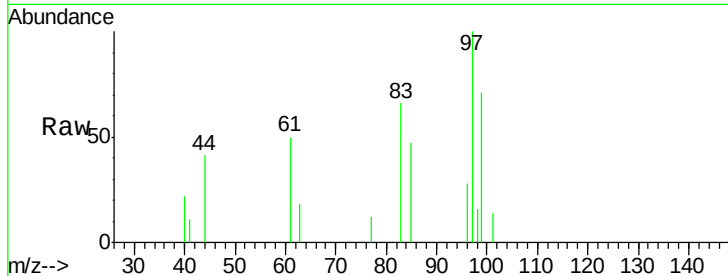
ClientSampled :

MDL 06

Tot Ion:	97	Resp:	793
Ion	Ratio	Lower	Upper
97	100		
83	65.6	66.5	99.7#
85	46.5	43.8	65.6
99	71.3	52.2	78.4

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#56

Ethyl methacrylate

Concen: 0.54 ug/l

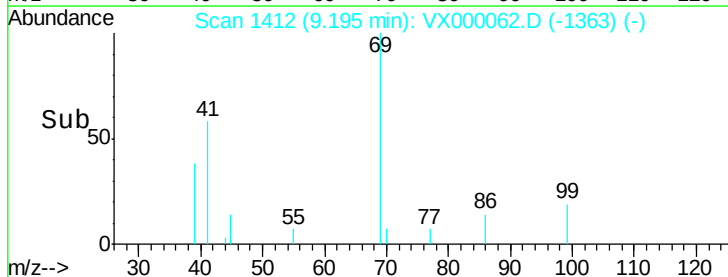
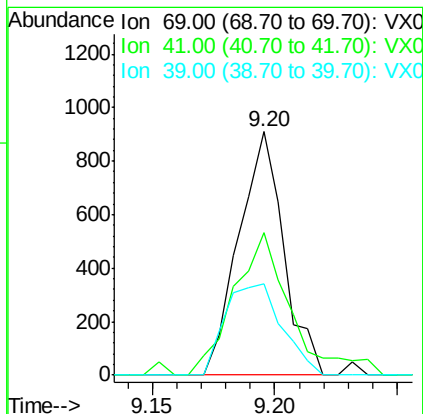
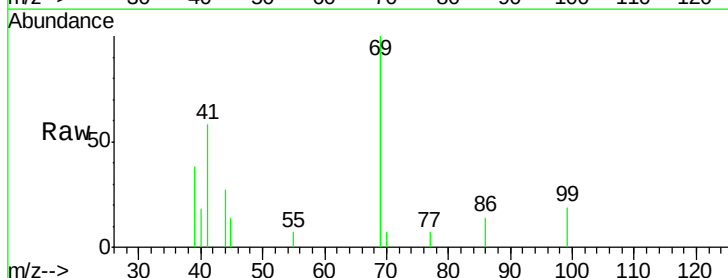
RT: 9.20 min Scan# 1412

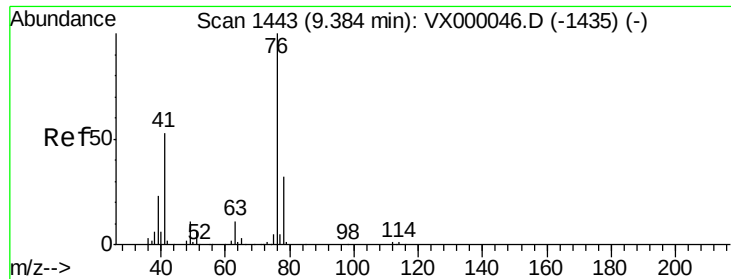
Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion:	69	Resp:	1165
Ion	Ratio	Lower	Upper
69	100		
41	74.6	49.5	74.3#
39	47.6	29.9	44.9#





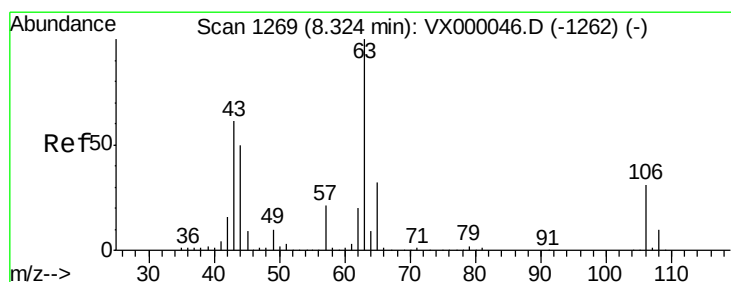
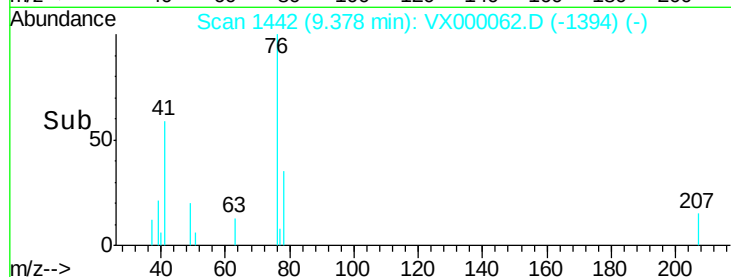
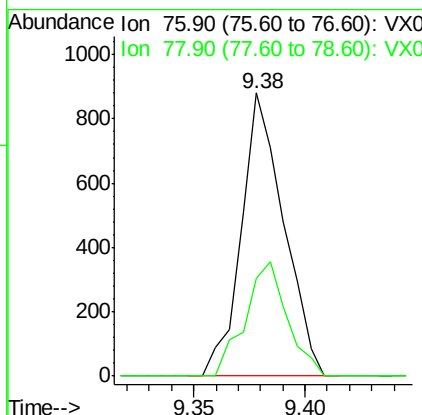
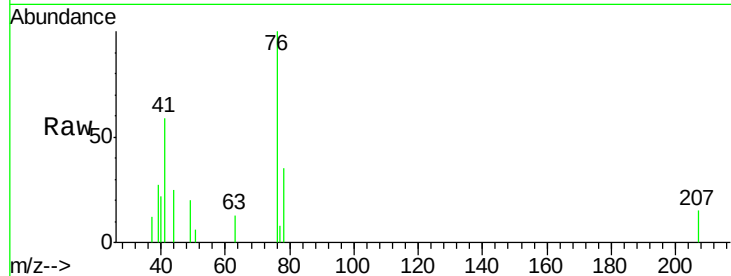
#57
 1,3-Dichloropropane
 Concen: 0.53 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 Client Sampled :
 MDL 06

Tot Ion: 76 Resp: 1168
 Ion Ratio Lower Upper
 76 100
 78 40.1 25.9 38.9#

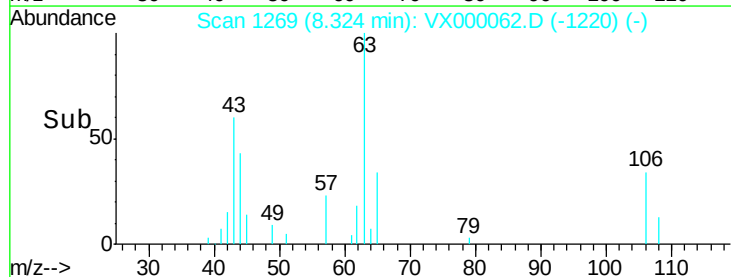
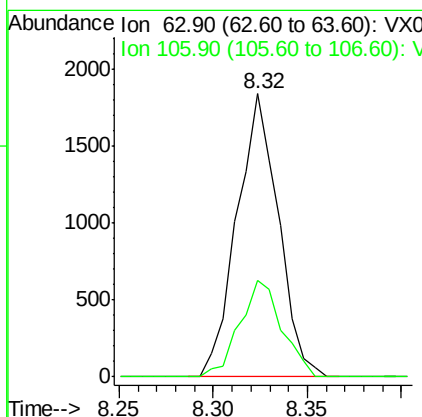
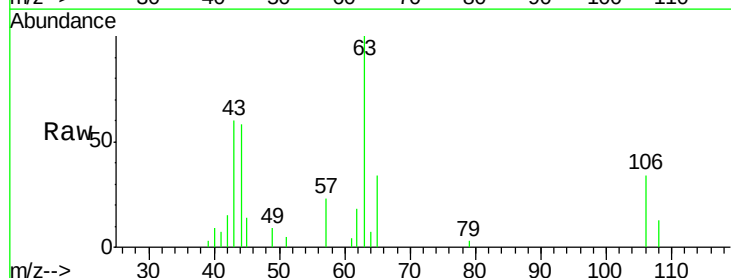
Manual Integrations
 APPROVED

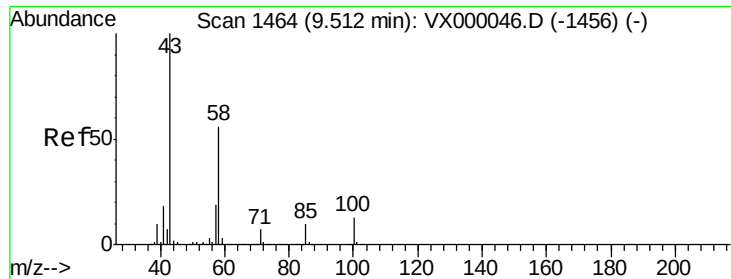
MMDadoda
 2/15/2018 6:05:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.61 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion: 63 Resp: 2800
 Ion Ratio Lower Upper
 63 100
 106 34.6 24.7 37.1





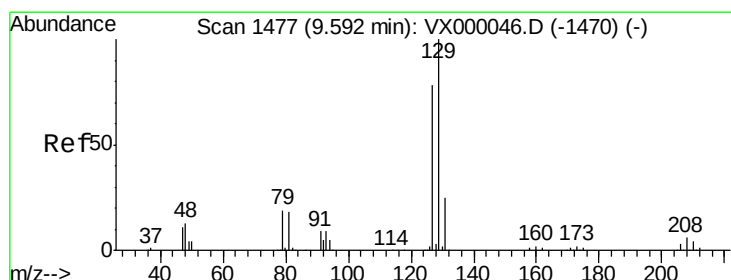
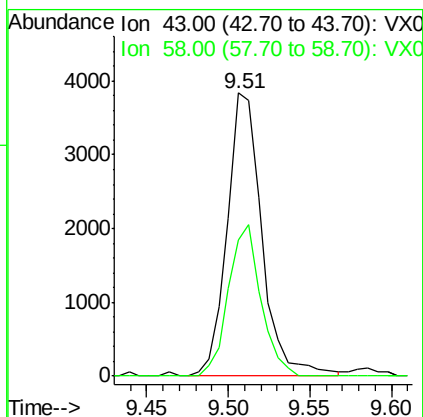
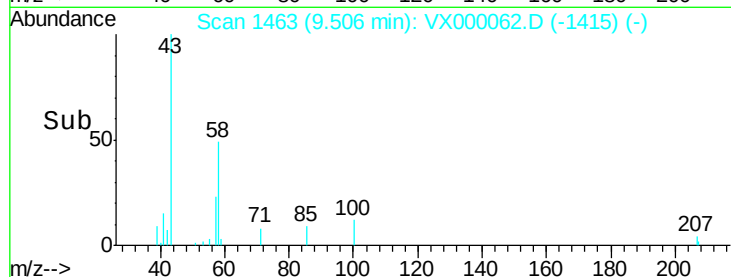
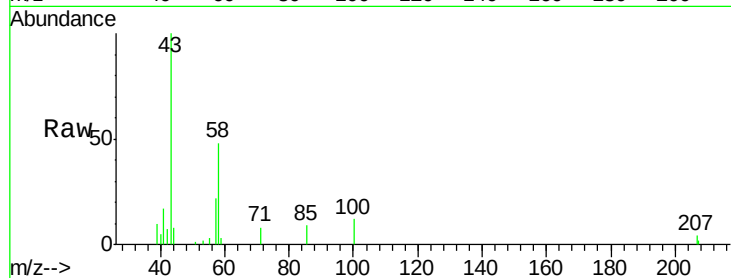
#59
2-Hexanone
Concen: 2.91 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion: 43 Resp: 5706
Ion Ratio Lower Upper
43 100
58 49.8 27.6 82.7

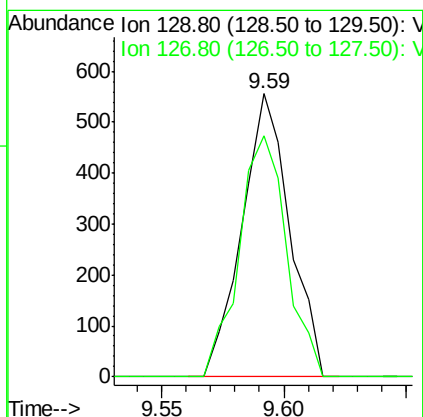
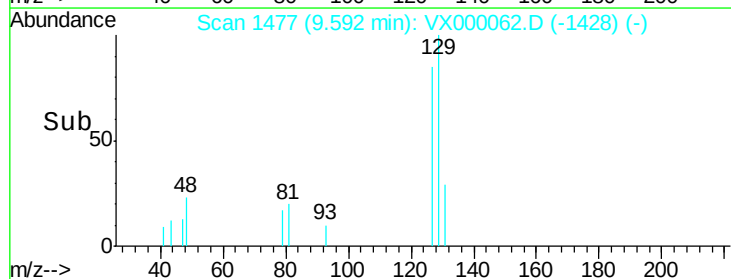
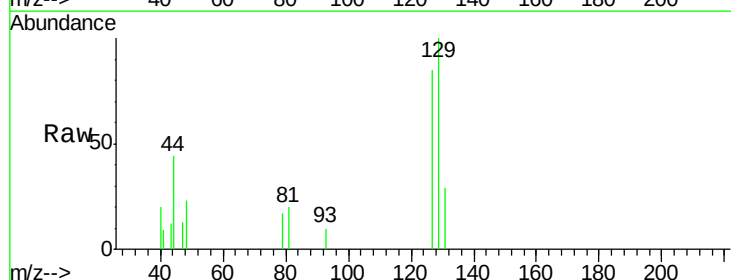
Manual Integrations
APPROVED

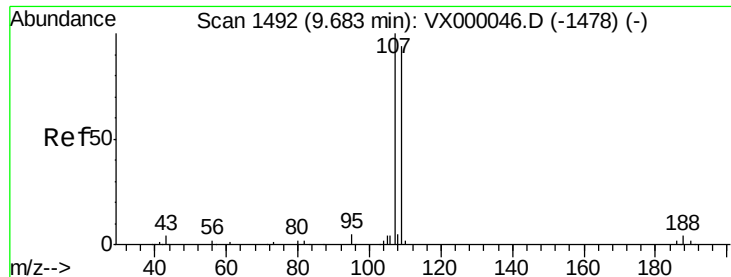
MMDadoda
2/15/2018 6:05:11 PM



#60
Dibromochloromethane
Concen: 0.46 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 129 Resp: 753
Ion Ratio Lower Upper
129 100
127 84.5 38.6 115.8





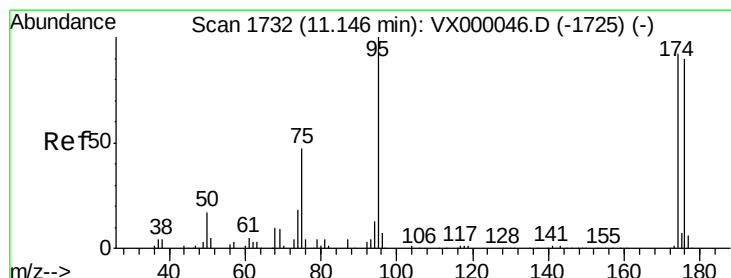
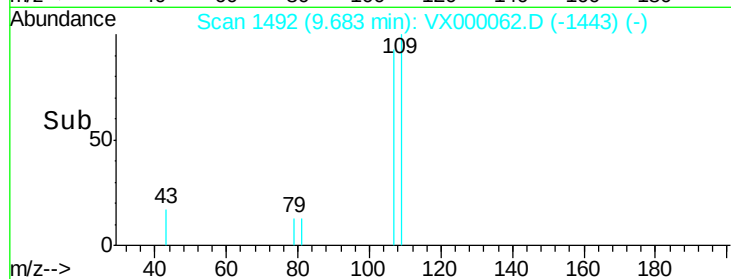
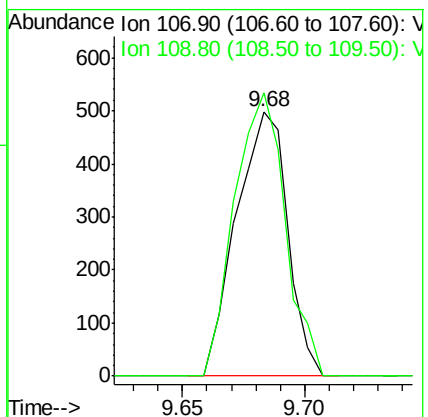
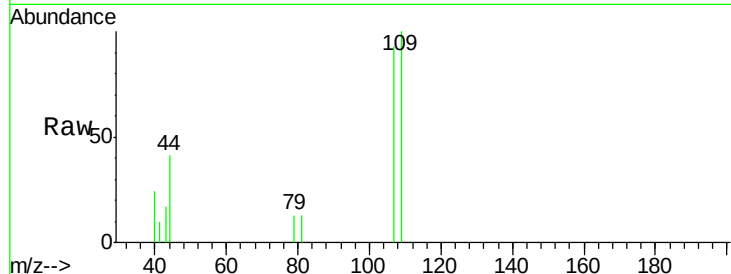
#61
 1,2-Dibromoethane
 Concen: 0.47 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion:107 Resp: 727
 Ion Ratio Lower Upper
 107 100
 109 106.1 74.6 111.8

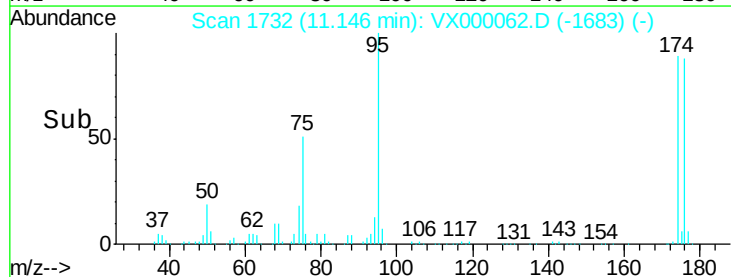
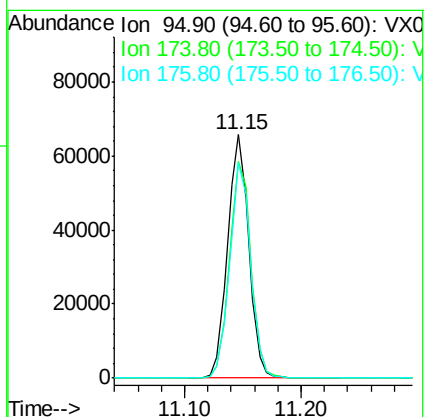
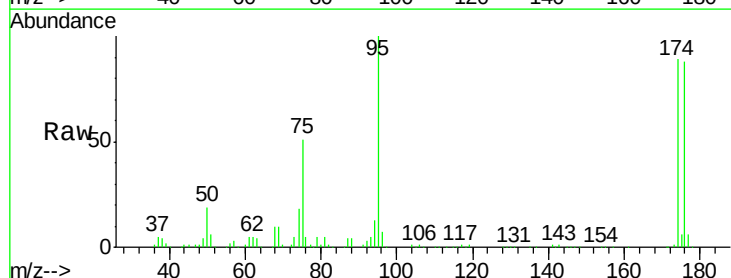
Manual Integrations
 APPROVED

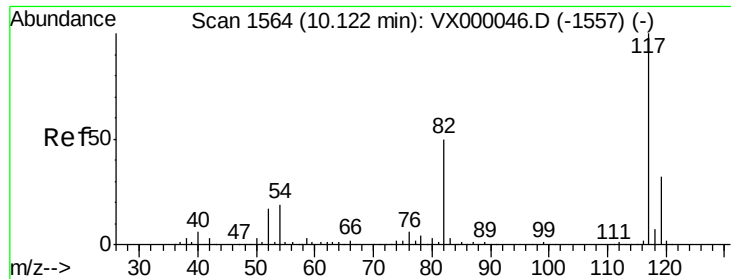
MMDadoda
 2/15/2018 6:05:11 PM



#62
 4-Bromofluorobenzene
 Concen: 46.02 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion: 95 Resp: 83068
 Ion Ratio Lower Upper
 95 100
 174 90.7 0.0 185.6
 176 87.7 0.0 181.8





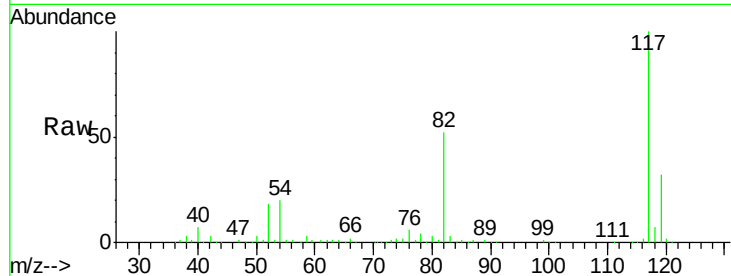
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion	Ratio	Resp	Lower	Upper
117	100	191964		
82	51.7	40.3	60.5	
119	31.7	25.3	37.9	

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM

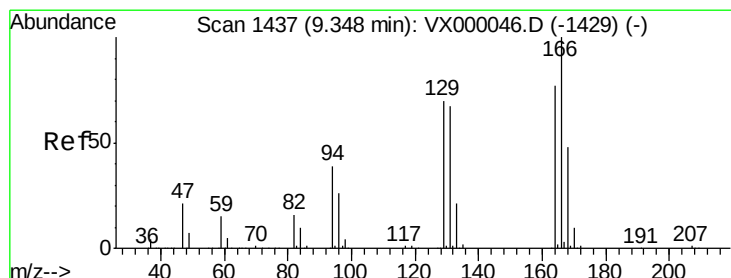
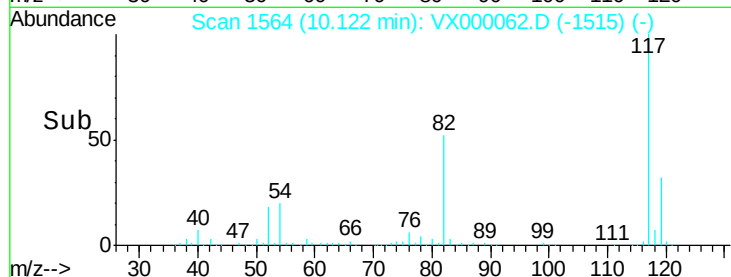
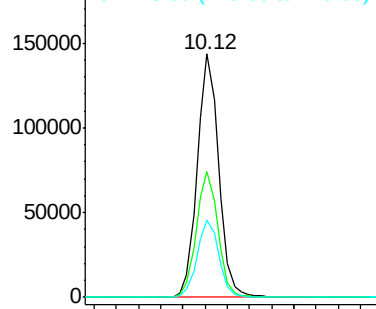


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 0.52 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	740		
166	129.3	103.7	155.5	
129	81.2	72.2	108.4	
131	82.4	69.1	103.7	

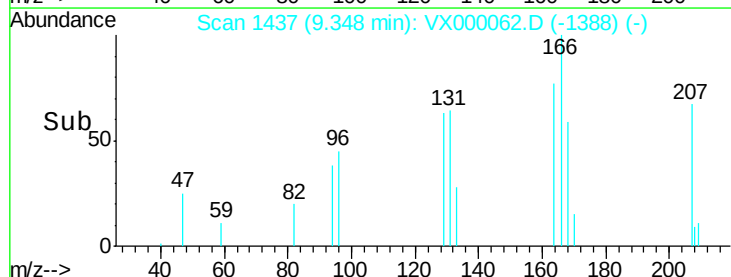
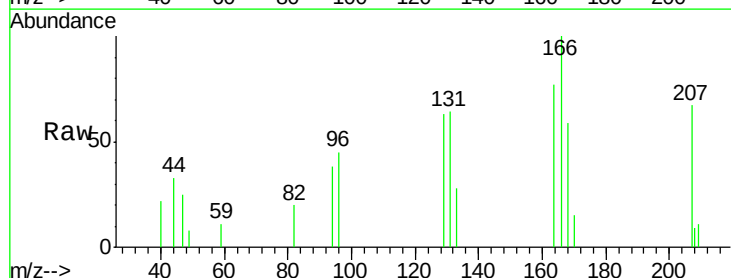
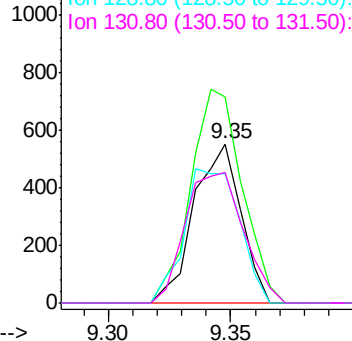
Abundance

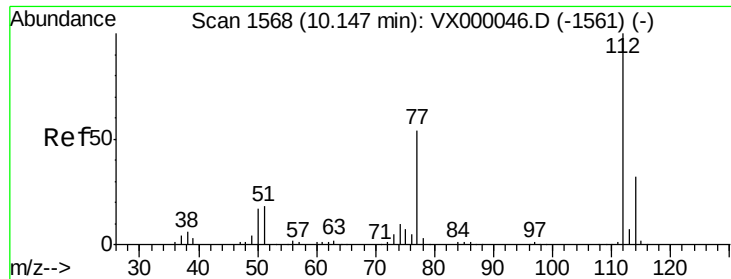
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





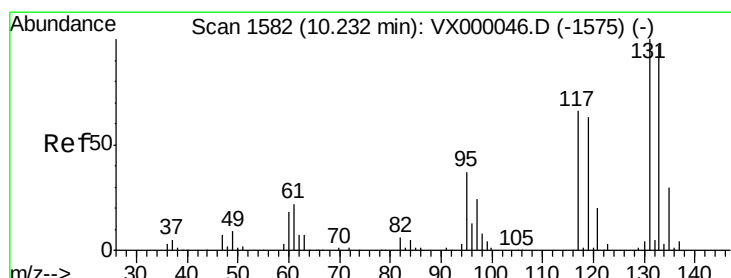
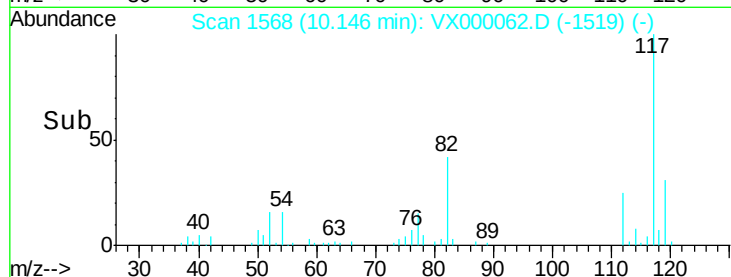
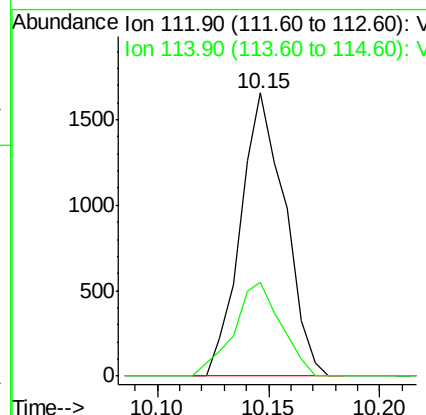
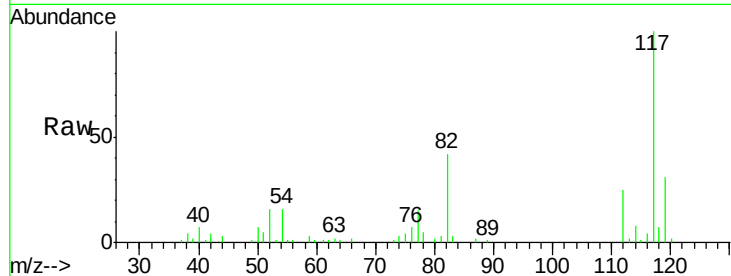
#65
Chlorobenzene
Concen: 0.58 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion:112 Resp: 2305
Ion Ratio Lower Upper
112 100
114 33.0 25.6 38.4

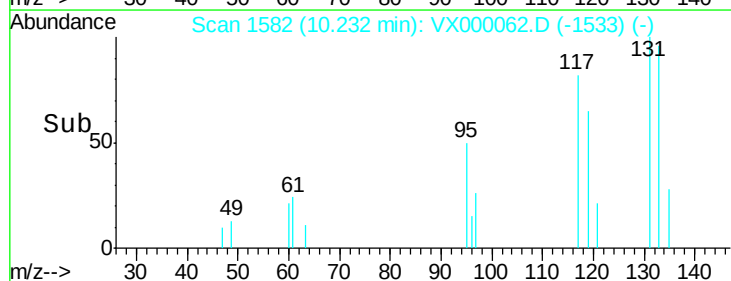
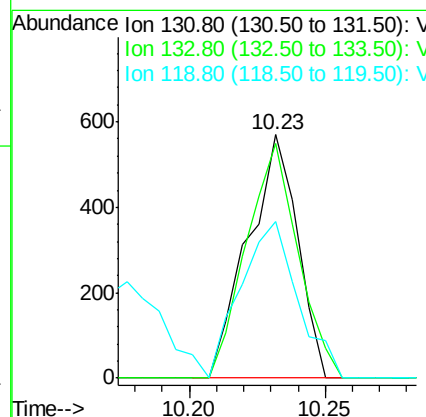
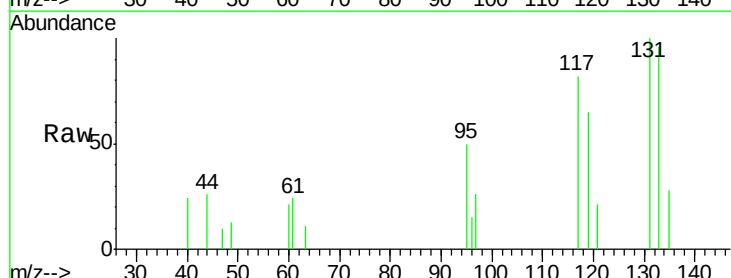
Manual Integrations
APPROVED

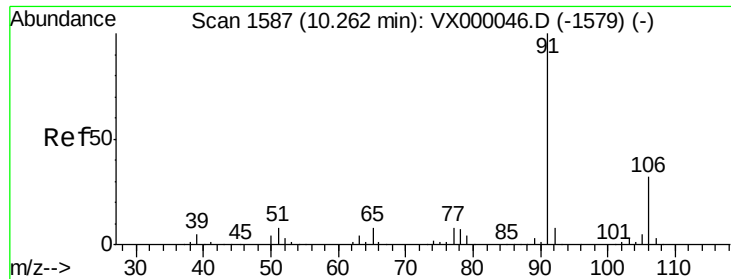
MMDadoda
2/15/2018 6:05:11 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.50 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion:131 Resp: 717
Ion Ratio Lower Upper
131 100
133 100.7 47.6 142.9
119 0.0 31.7 95.1#





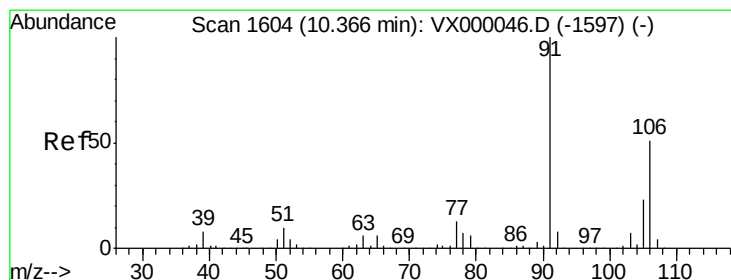
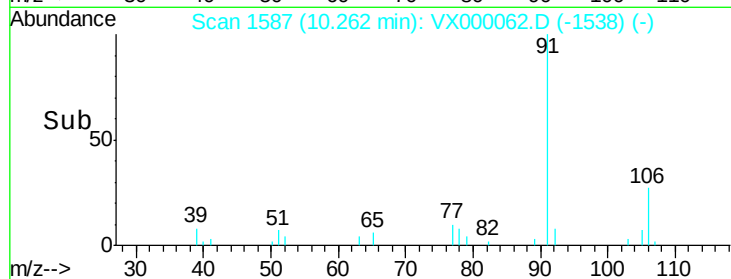
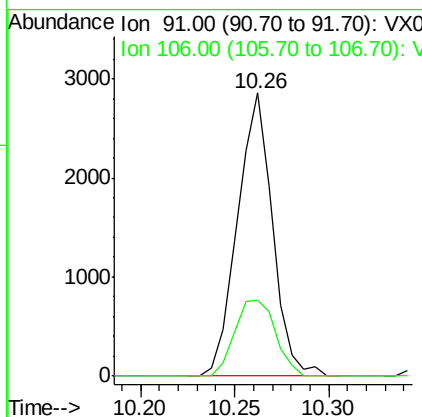
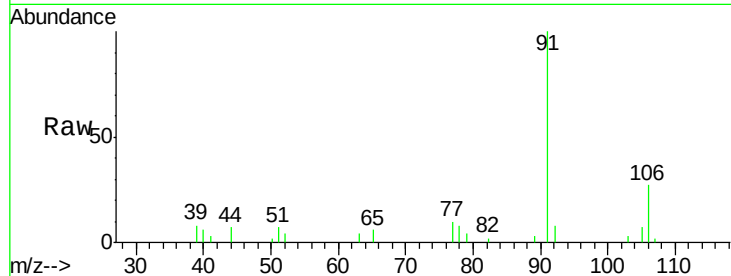
#67
Ethyl Benzene
Concen: 0.56 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion: 91 Resp: 3677
Ion Ratio Lower Upper
91 100
106 26.7 25.9 38.9

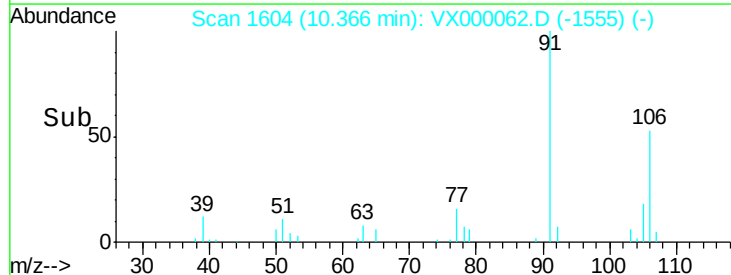
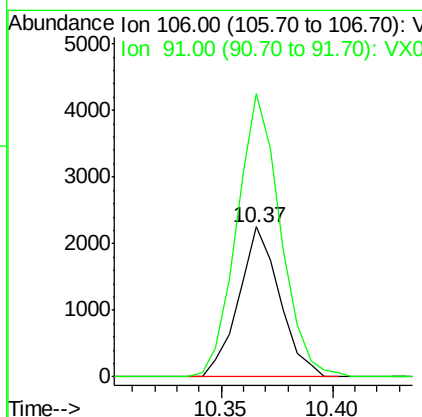
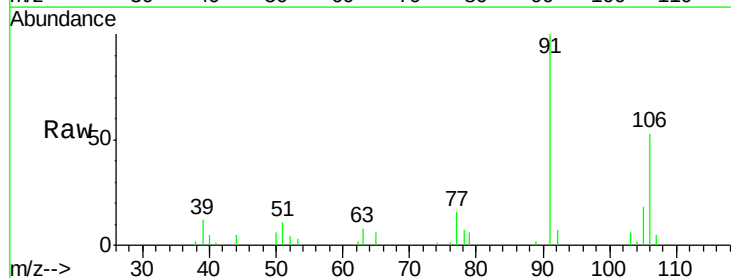
Manual Integrations
APPROVED

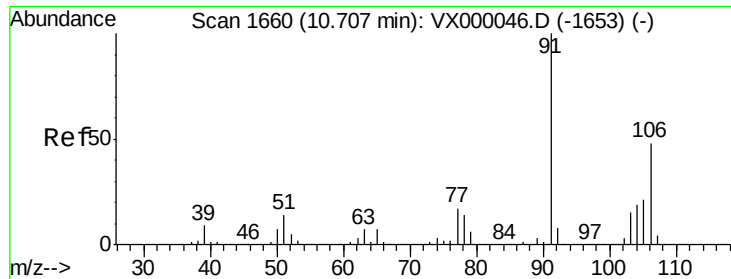
MMDadoda
2/15/2018 6:05:11 PM



#68
m/p-Xylenes
Concen: 1.10 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 106 Resp: 2889
Ion Ratio Lower Upper
106 100
91 200.2 158.3 237.5





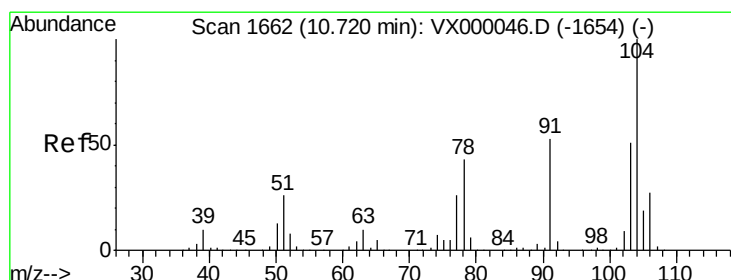
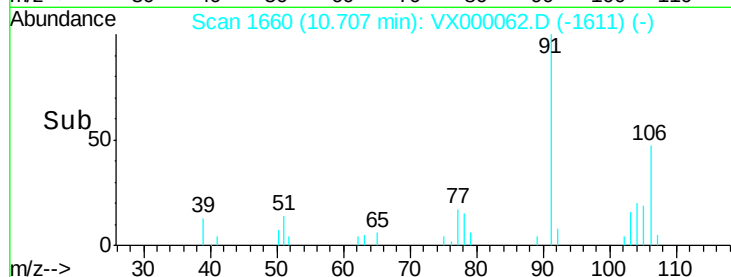
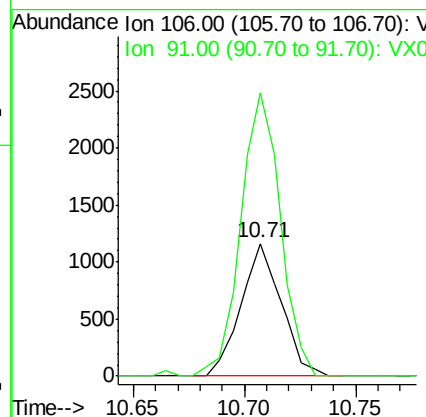
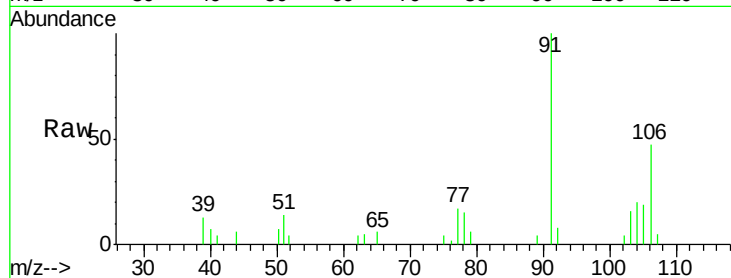
#69
o-Xylene
Concen: 0.58 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion:106 Resp: 1474
Ion Ratio Lower Upper
106 100
91 208.8 104.0 312.0

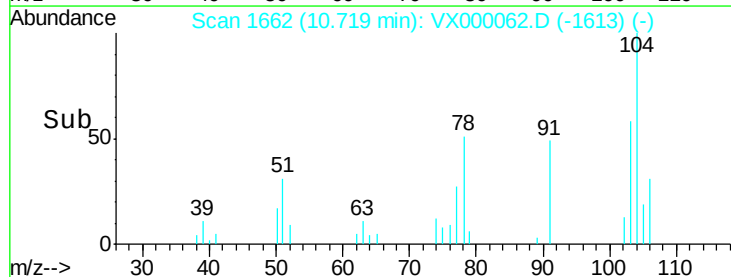
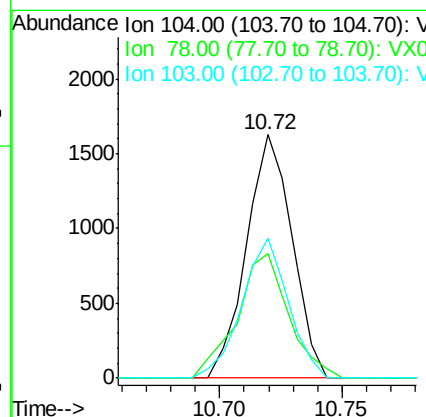
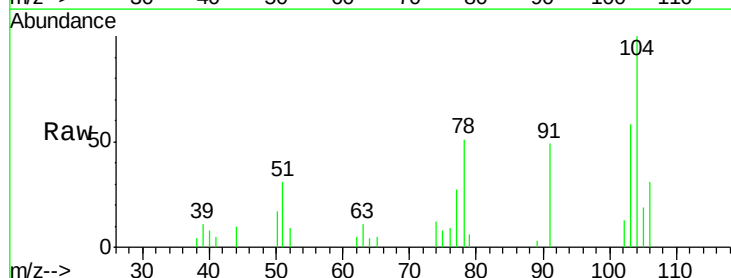
Manual Integrations
APPROVED

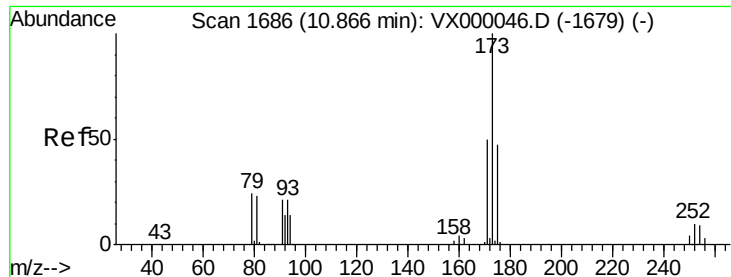
MMDadoda
2/15/2018 6:05:11 PM



#70
Styrene
Concen: 0.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion:104 Resp: 2114
Ion Ratio Lower Upper
104 100
78 57.9 37.7 56.5#
103 58.3 44.0 66.0





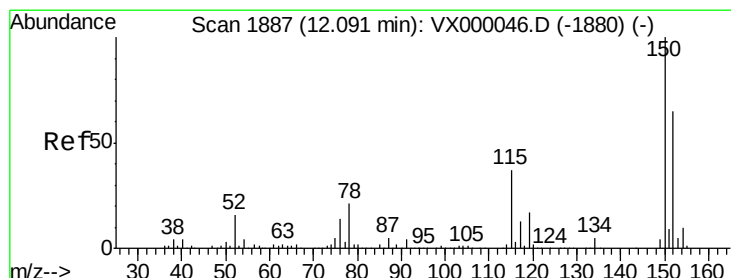
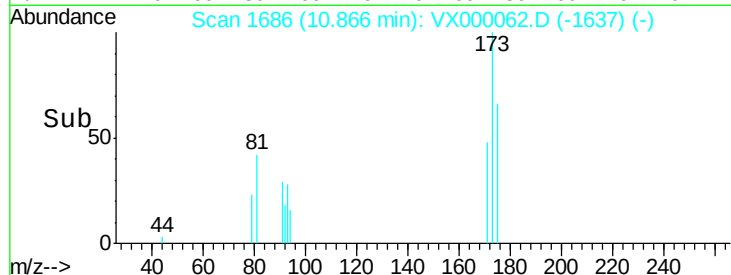
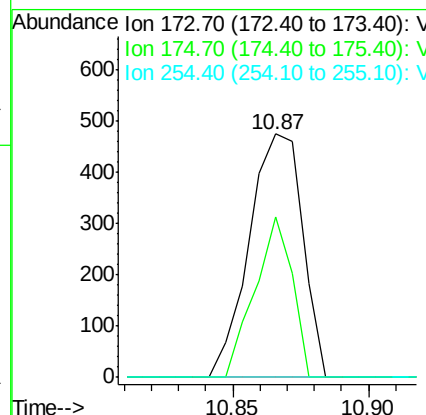
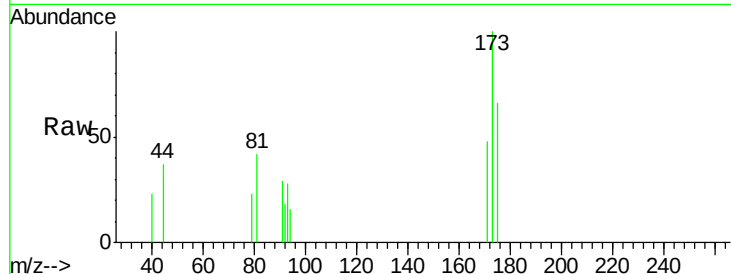
#71
Bromoform
Concen: 0.48 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion:173 Resp: 646
Ion Ratio Lower Upper
173 100
175 46.1 23.9 71.8
254 0.0 0.1 0.1#

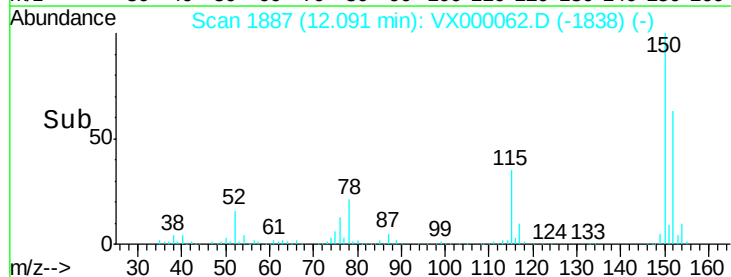
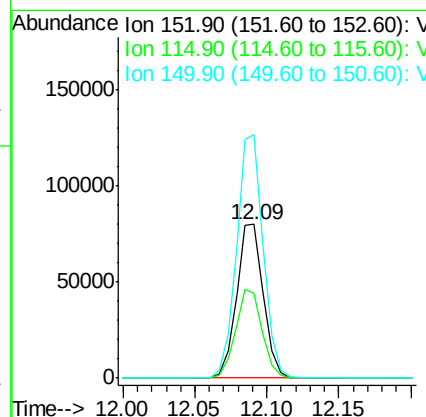
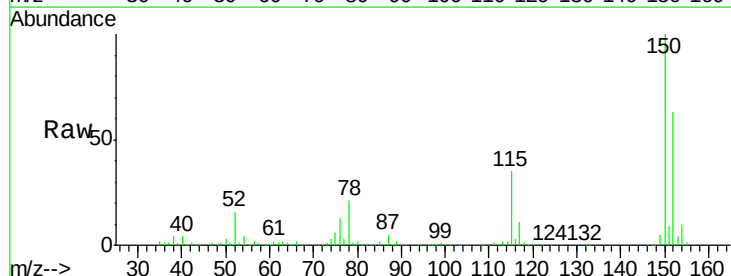
Manual Integrations
APPROVED

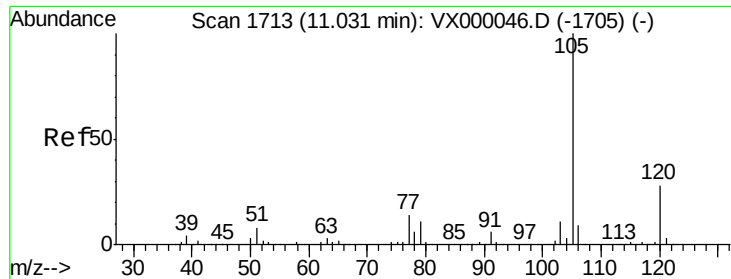
MMDadoda
2/15/2018 6:05:11 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion:152 Resp: 103540
Ion Ratio Lower Upper
152 100
115 57.1 39.3 117.8
150 157.0 0.0 349.2





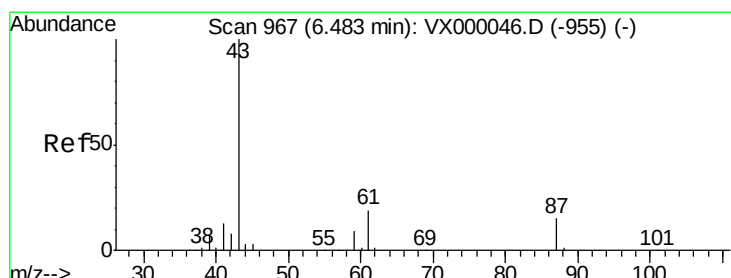
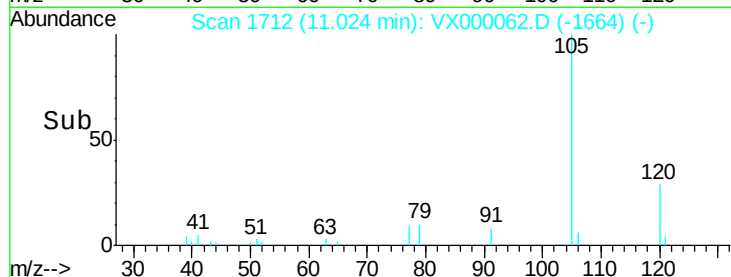
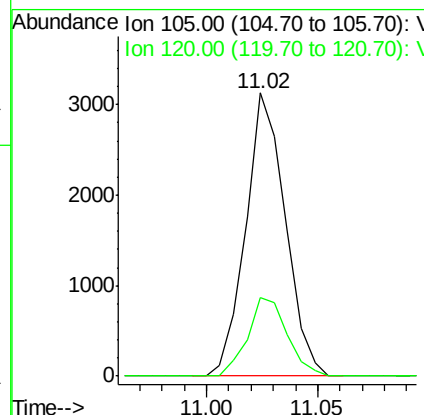
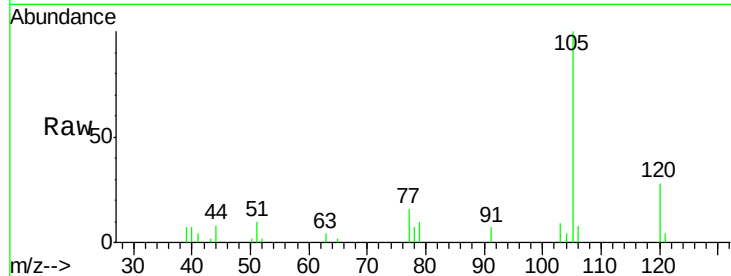
#73
Isopropylbenzene
Concen: 0.59 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion: 105 Resp: 3882
Ion Ratio Lower Upper
105 100
120 27.6 13.8 41.3

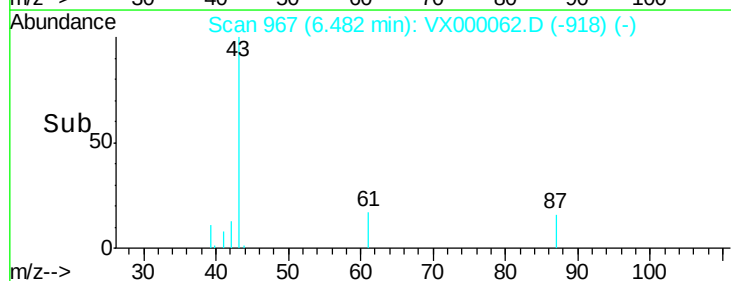
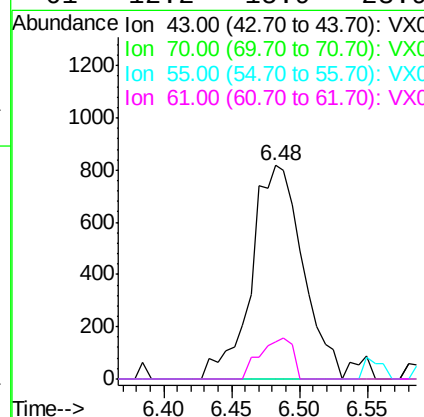
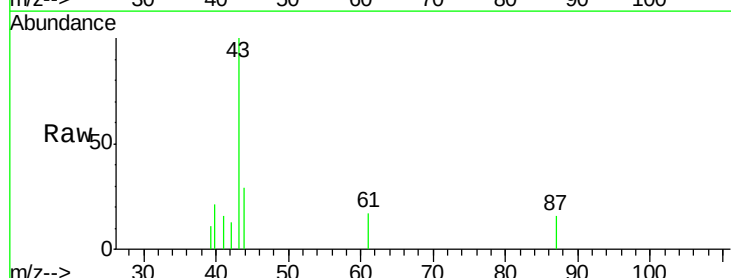
Manual Integrations
APPROVED

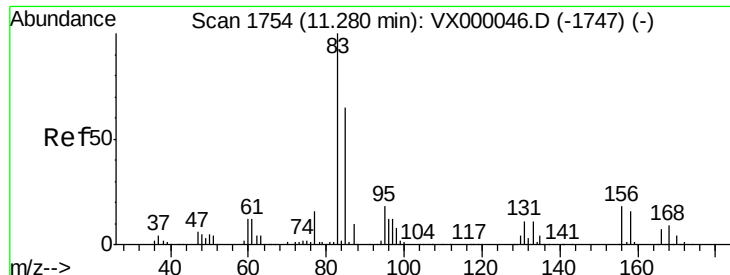
MMDadoda
2/15/2018 6:05:11 PM



#74
N-ethyl acetate
Concen: 0.66 ug/l
RT: 6.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion: 43 Resp: 2161
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.0 0.1 0.1#
61 12.2 15.9 23.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.56 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

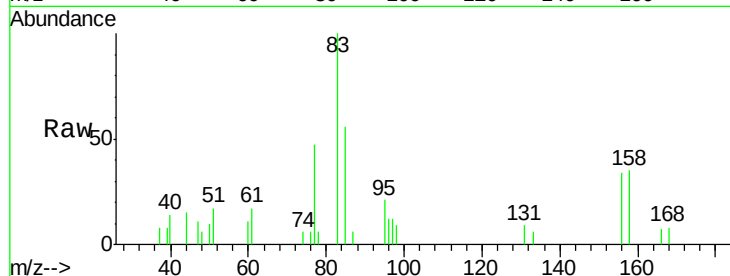
ClientSampled :

MDL 06

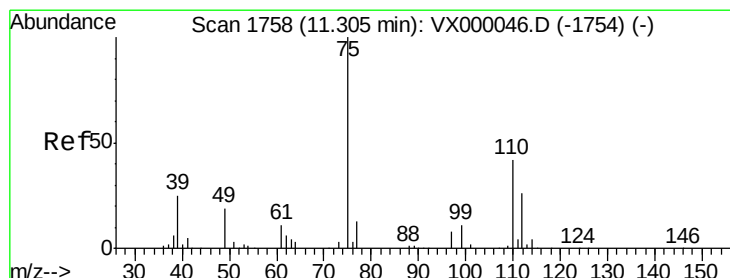
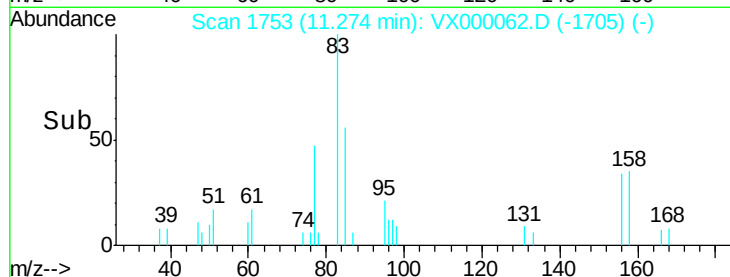
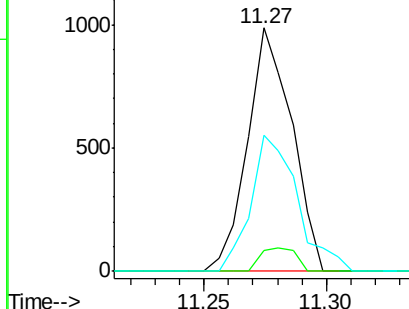
Tot Ion:	83	Resp:	1247
Ion	Ratio	Lower	Upper
83	100		
131	7.6	5.5	16.7
85	58.8	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



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: 0.83 ug/l

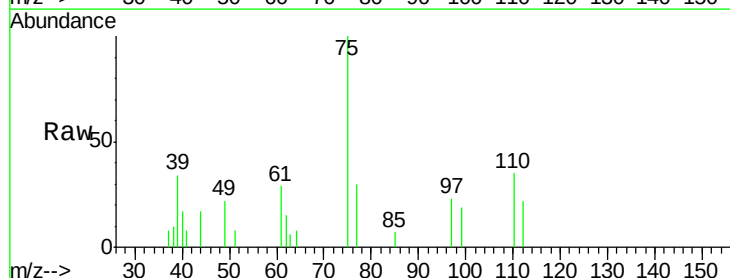
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

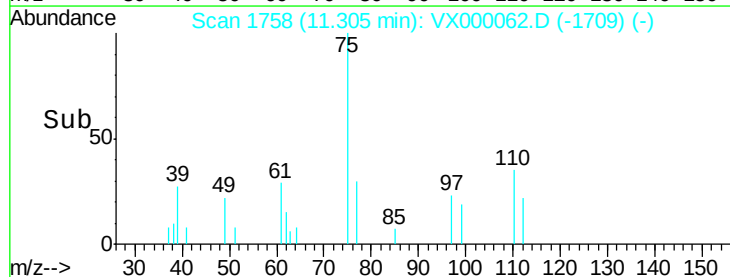
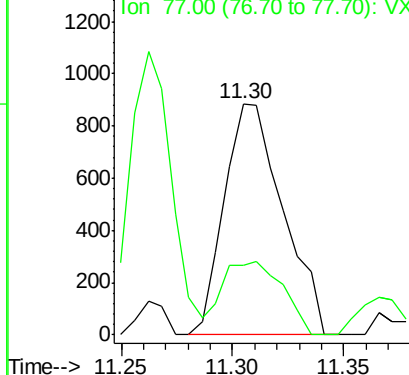
Lab File: VX000062.D

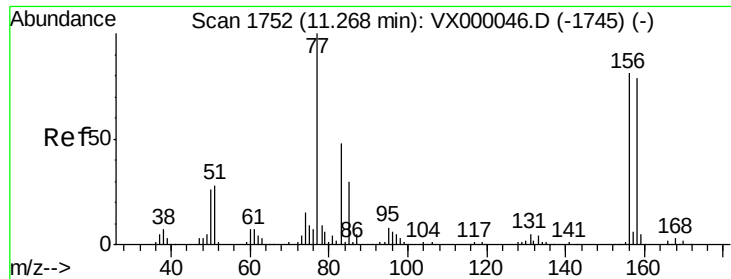
Acq: 12 Feb 2018 13:27

Tgt Ion:	75	Resp:	1621
Ion	Ratio	Lower	Upper
75	100		
77	32.7	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: 0.55 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

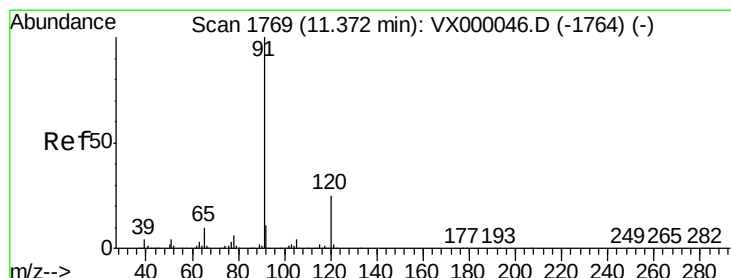
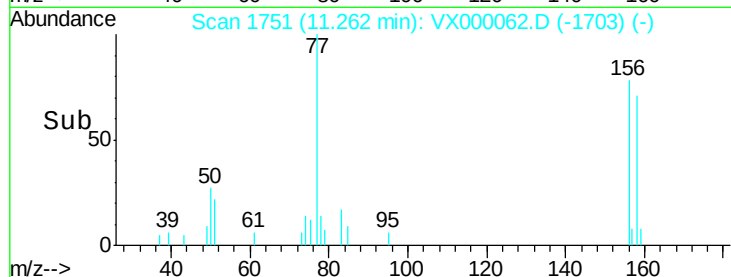
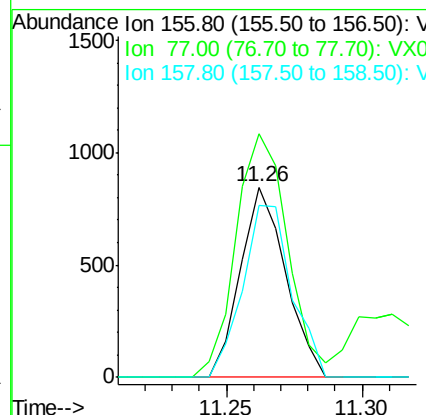
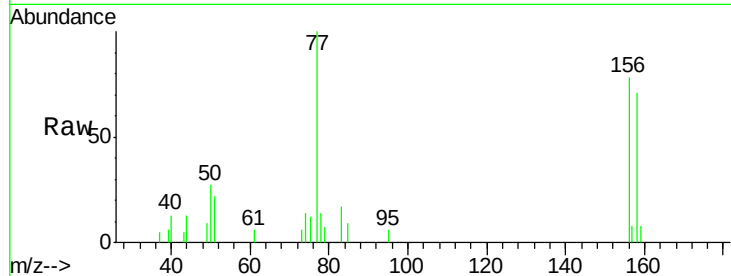
ClientSampled :

MDL 06

Tot Ion:	156	Resp:	976
Ion	Ratio	Lower	Upper
156	100		
77	146.0	66.2	198.6
158	98.3	48.6	145.9

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#78

n-propylbenzene

Concen: 0.56 ug/l

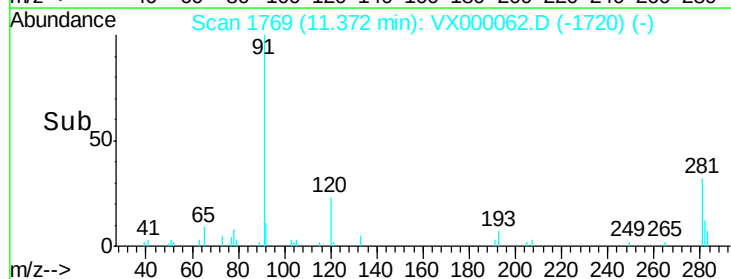
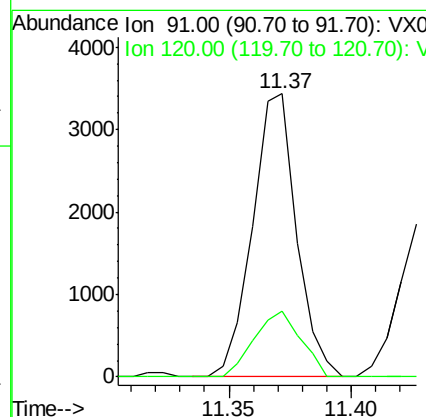
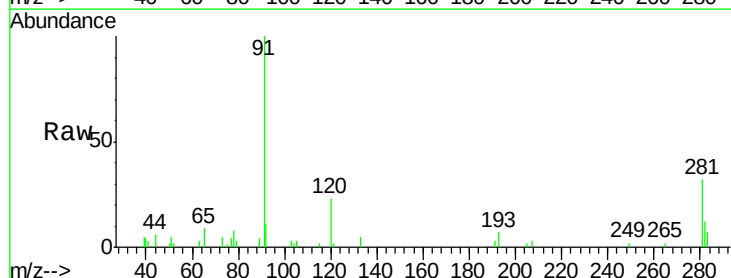
RT: 11.37 min Scan# 1769

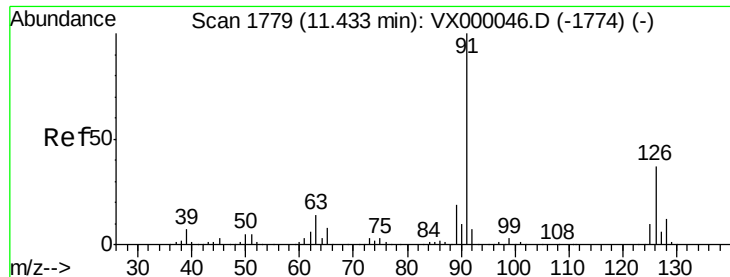
Delta R.T. -0.00 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Tgt Ion:	91	Resp:	4301
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.59 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX000062.D

Acq: 12 Feb 2018 13:27

Instrument :

ClientSampled :

MDL 06

Tot Ion: 91 Resp: 2603

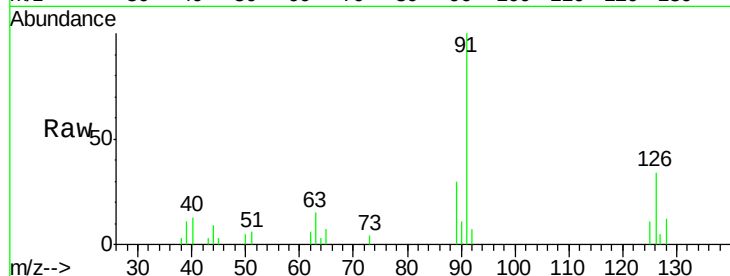
Ion Ratio Lower Upper

91 100

126 34.9 18.2 54.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



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

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

4000

3000

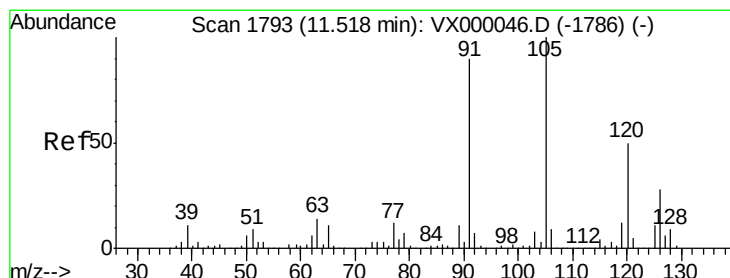
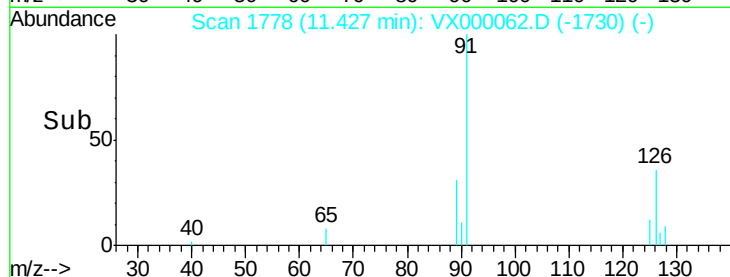
2000

1000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.58 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000062.D

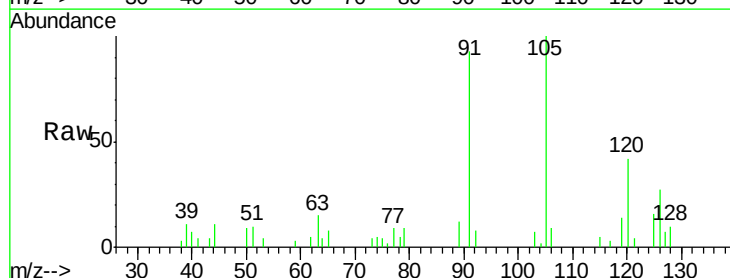
Acq: 12 Feb 2018 13:27

Tgt Ion: 105 Resp: 3203

Ion Ratio Lower Upper

105 100

120 45.6 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) (-)

3000

2500

2000

1500

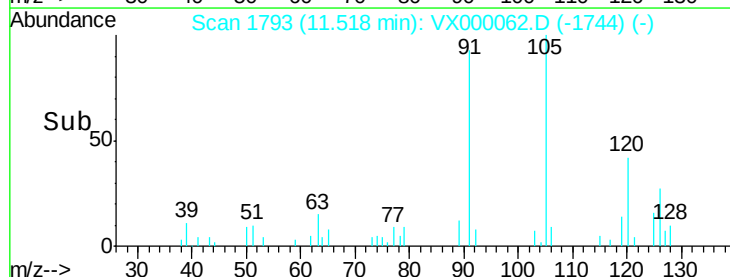
1000

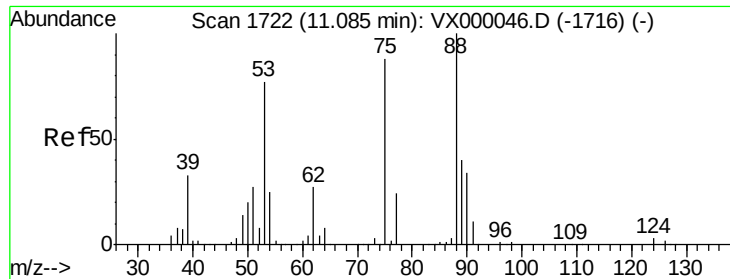
500

0

11.50 11.55

Time-->





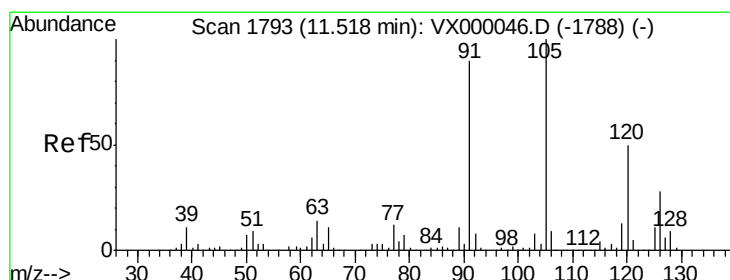
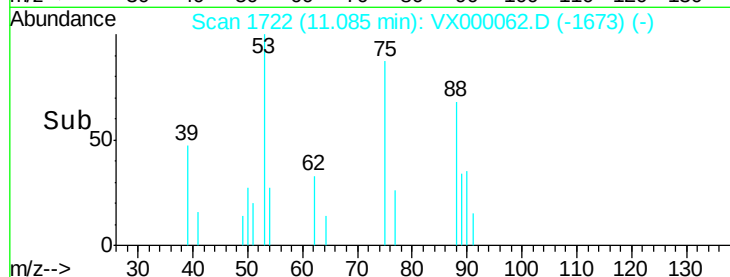
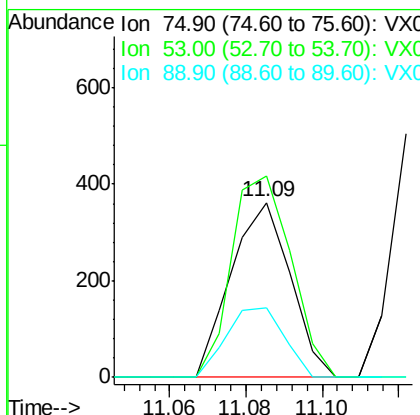
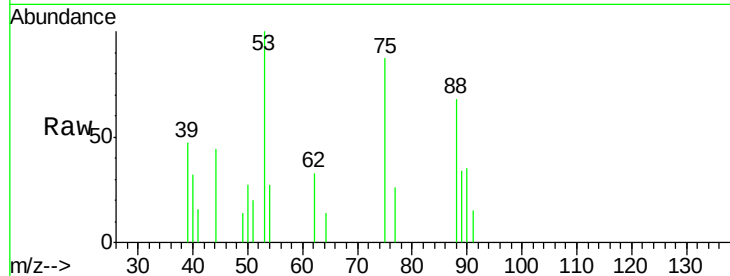
#81
trans-1,4-Dichloro-2-butene
Concen: 0.49 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.3	105.5#
89	5.1	48.6	72.8#

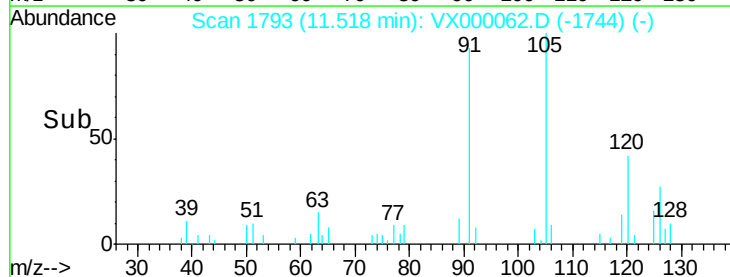
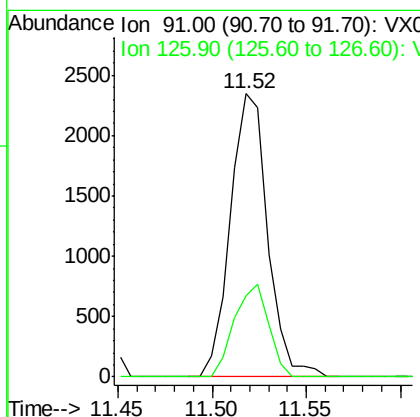
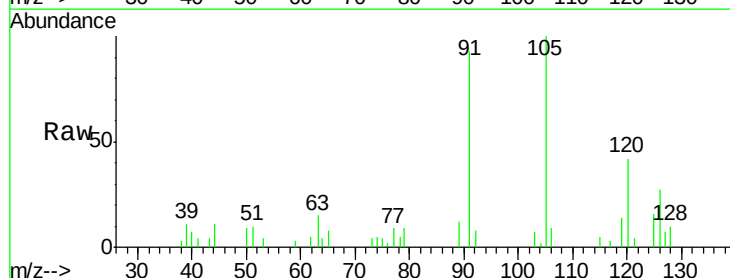
Manual Integrations
APPROVED

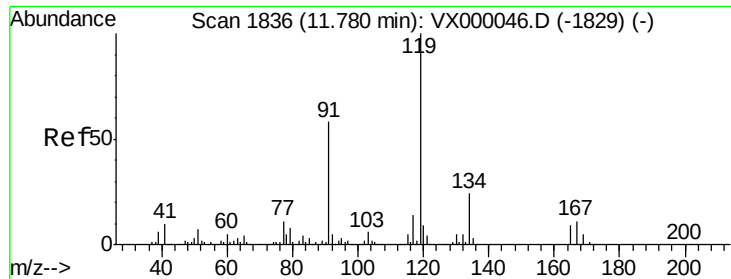
MMDadoda
2/15/2018 6:05:11 PM



#82
4-Chlorotoluene
Concen: 0.61 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	16.3	48.8





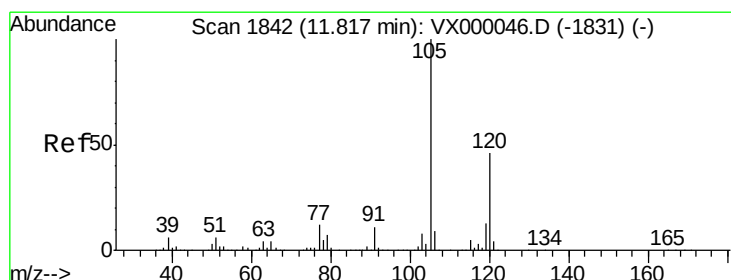
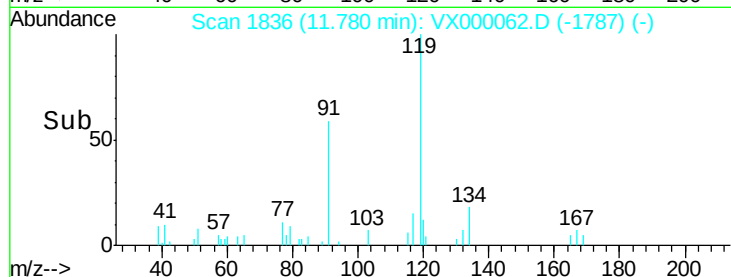
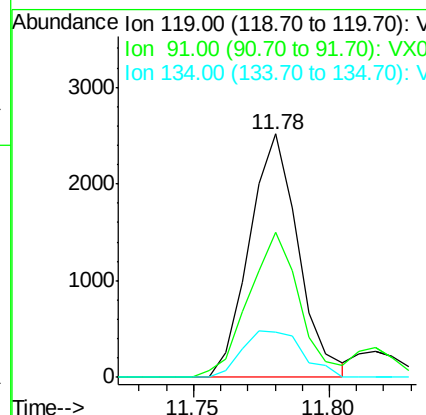
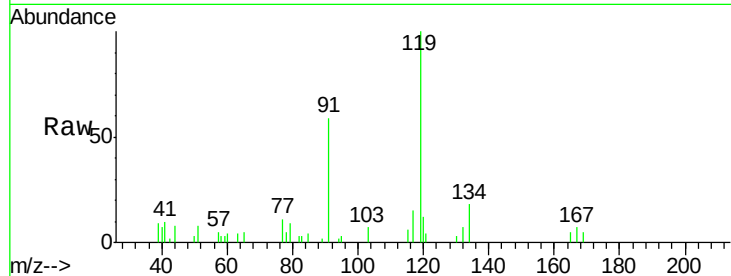
#83
 tert-Butylbenzene
 Concen: 0.56 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	27.9	83.7
134	23.3	11.7	35.1

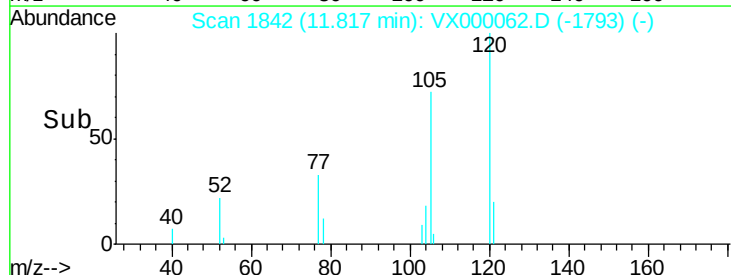
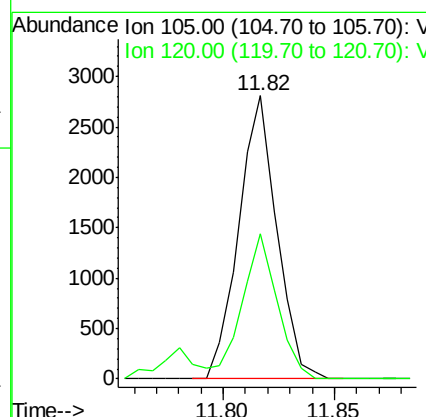
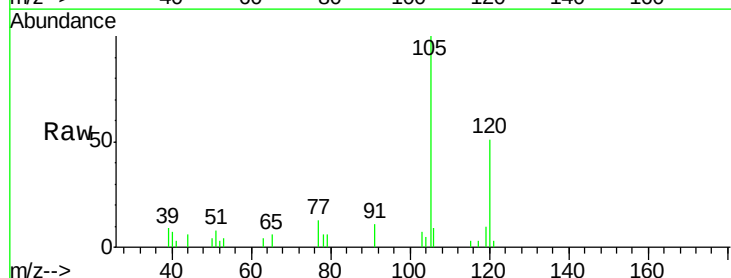
Manual Integrations
 APPROVED

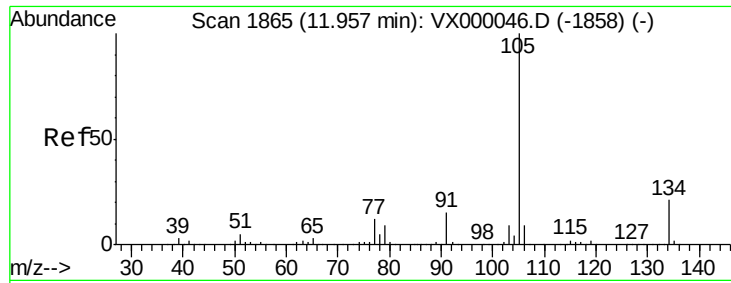
MMDadoda
 2/15/2018 6:05:11 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.59 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	23.4	70.2





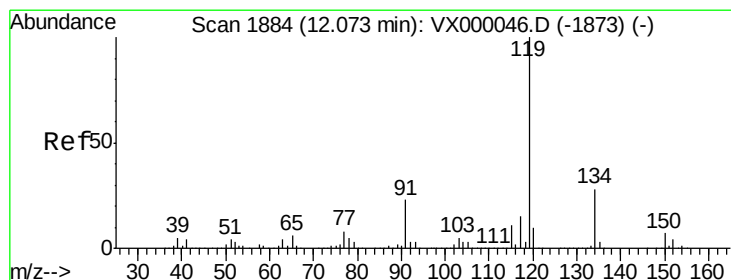
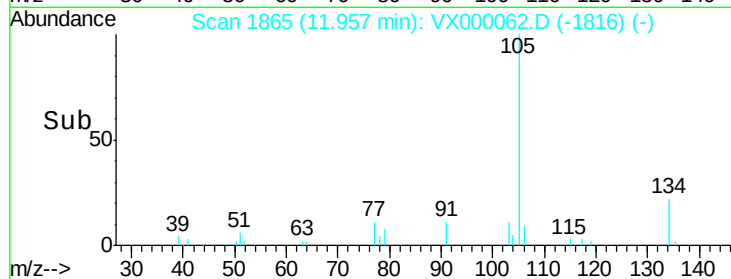
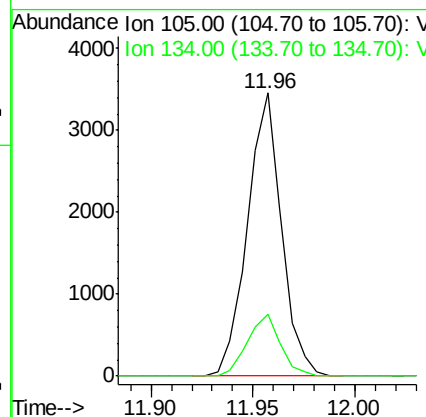
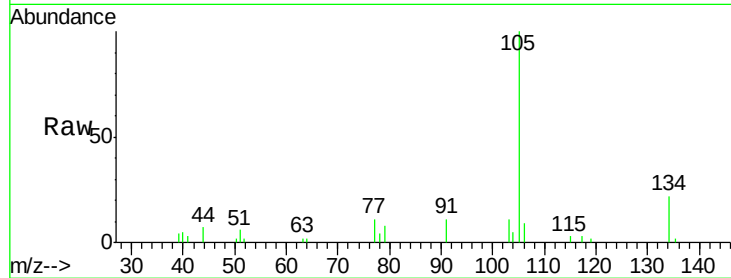
#85
 sec-Butylbenzene
 Concen: 0.59 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8

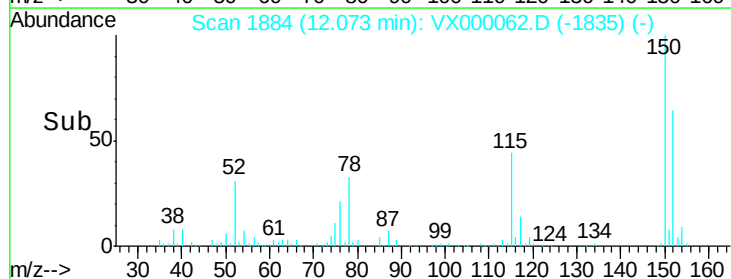
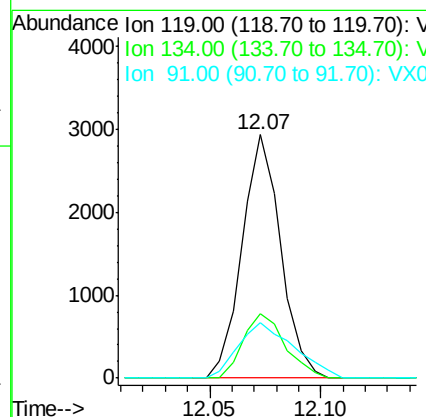
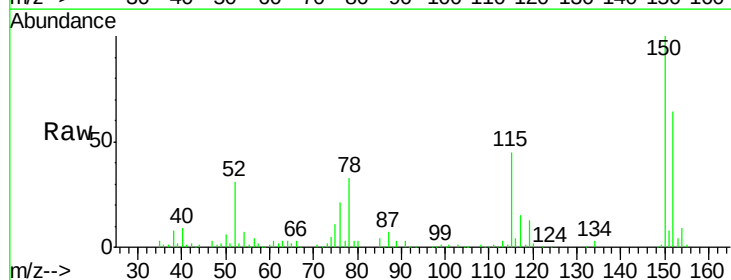
Manual Integrations
 APPROVED

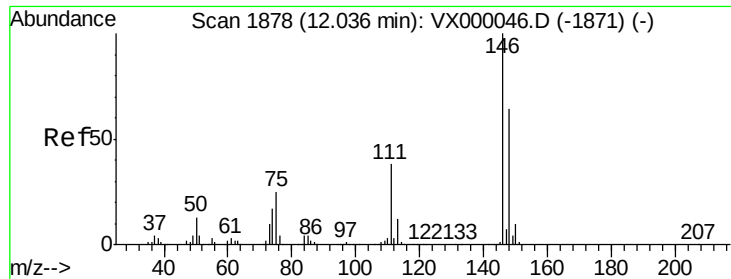
MMDadoda
 2/15/2018 6:05:11 PM



#86
 p-Isopropyltoluene
 Concen: 0.58 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
119	100		
134	28.6	14.0	41.9
91	32.7	11.6	34.7





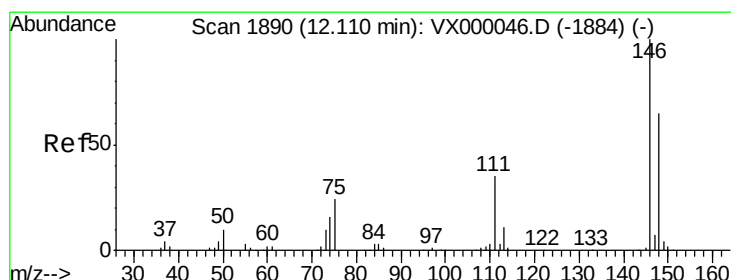
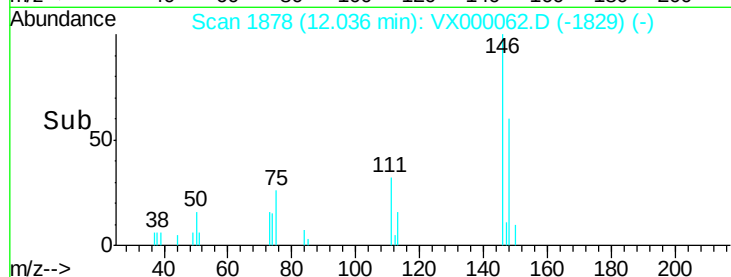
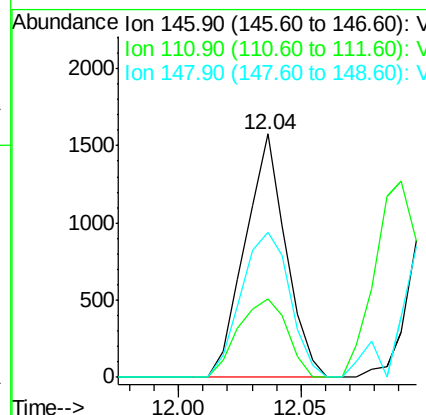
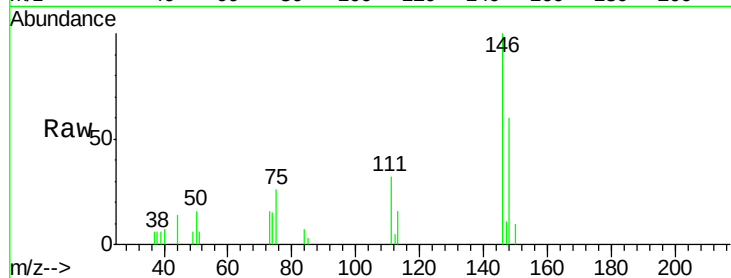
#87
 1,3-Dichlorobenzene
 Concen: 0.55 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 Client Sampled :
 MDL 06

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	70.7	31.8	95.4

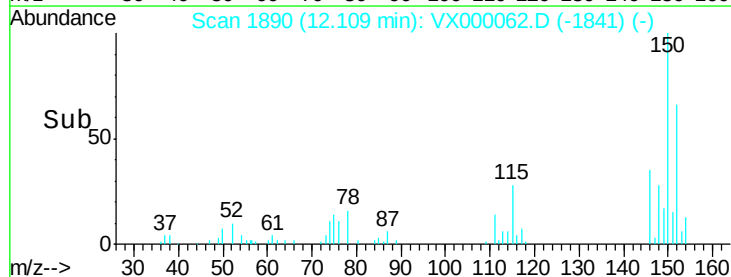
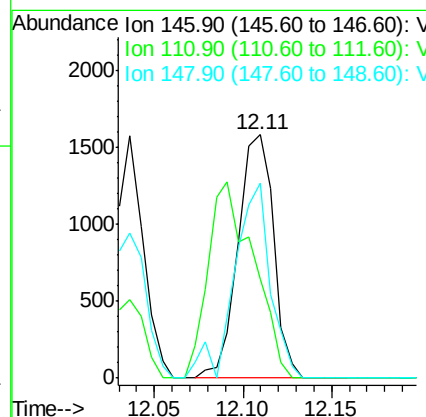
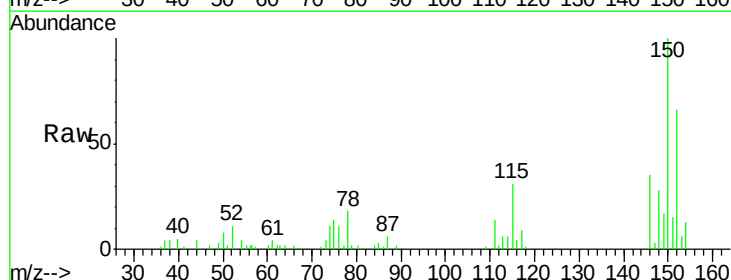
Manual Integrations
 APPROVED

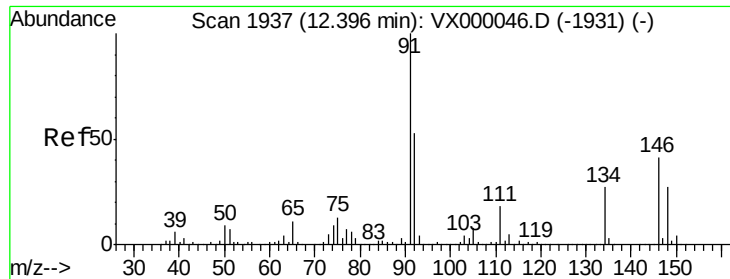
MMDadoda
 2/15/2018 6:05:11 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.65 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.5	18.7	56.1
148	58.4	32.1	96.5





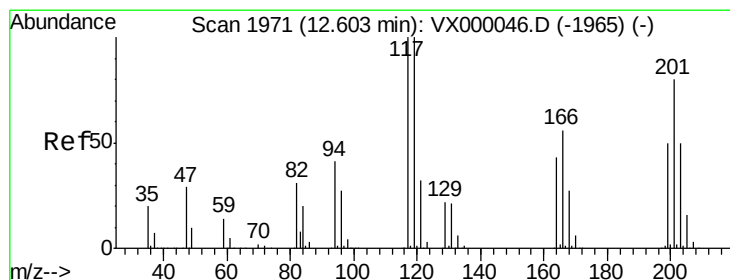
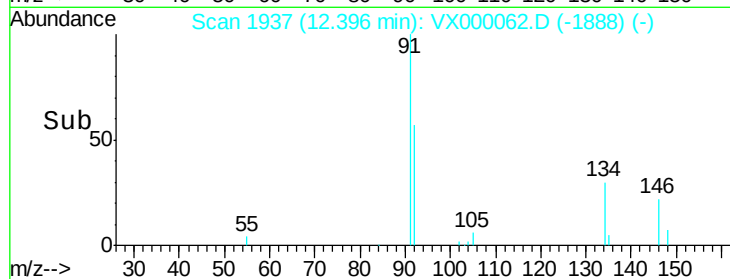
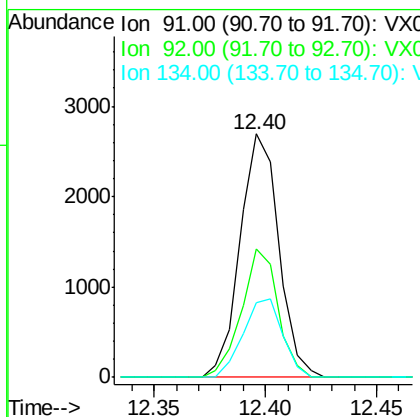
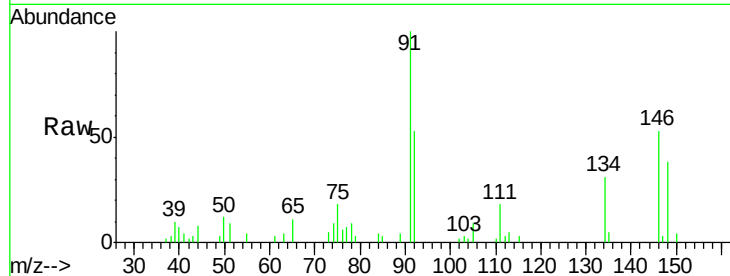
#89
n-Butylbenzene
Concen: 0.57 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.6	26.1	78.2
134	32.8	14.1	42.2

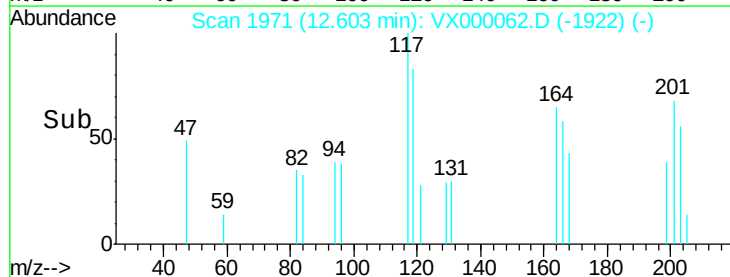
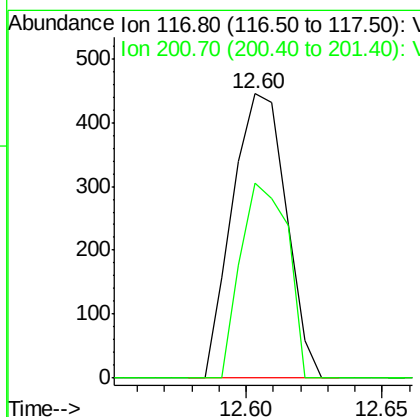
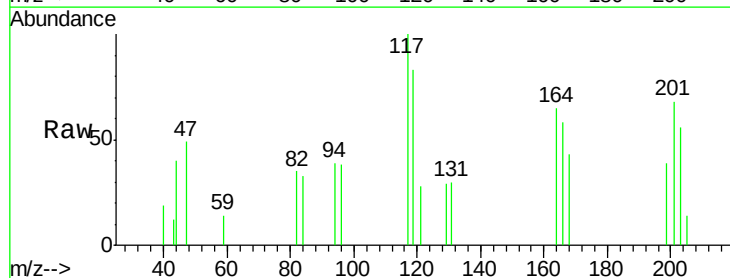
Manual Integrations
APPROVED

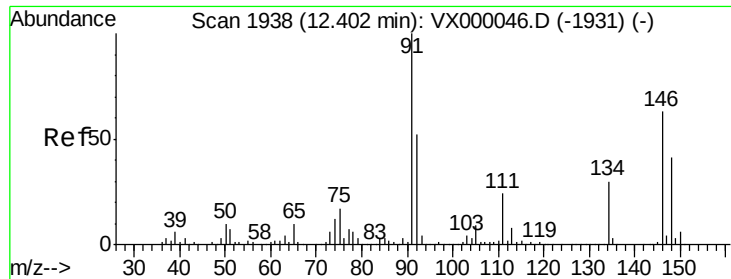
MMDadoda
2/15/2018 6:05:11 PM



#90
Hexachloroethane
Concen: 0.57 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	59.9	43.5	130.7





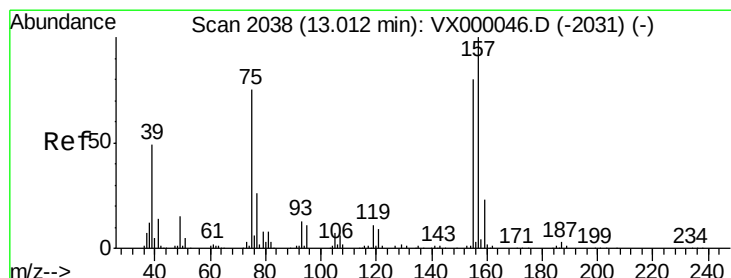
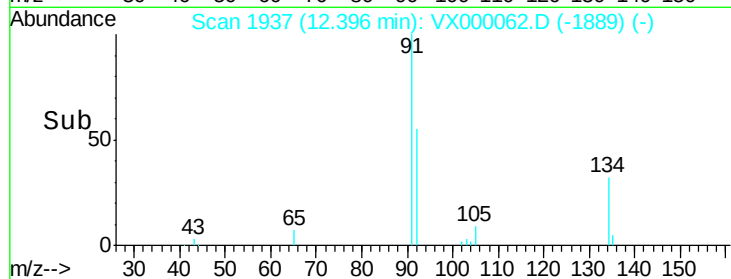
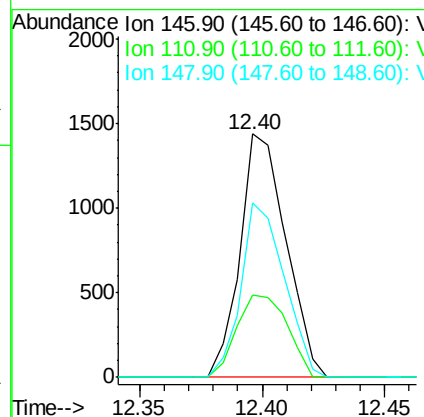
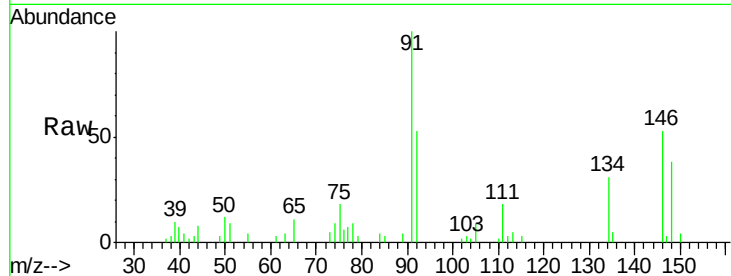
#91
1,2-Dichlorobenzene
Concen: 0.57 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
ClientSampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.4	58.2
148	67.6	32.0	96.2

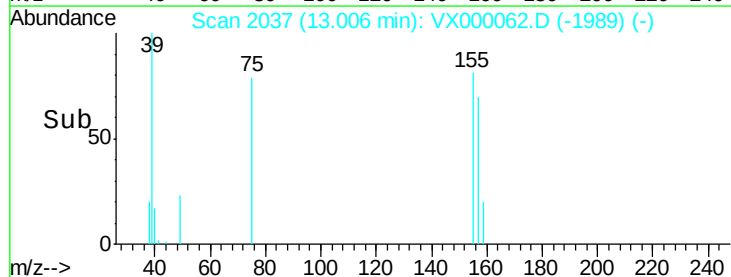
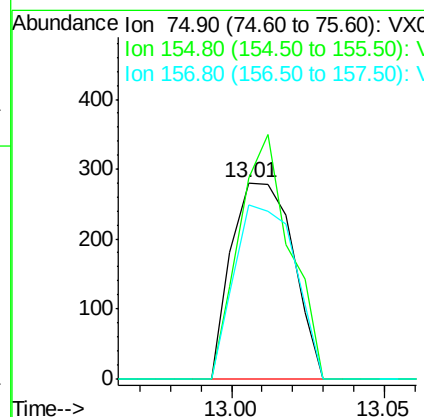
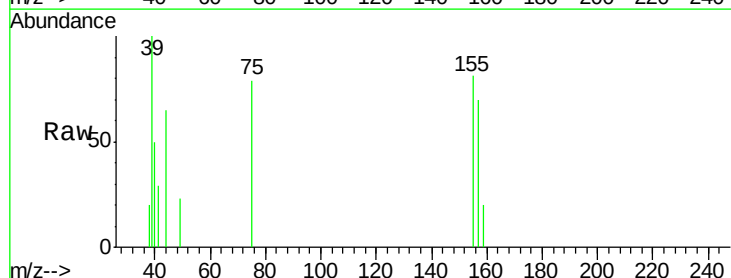
Manual Integrations
APPROVED

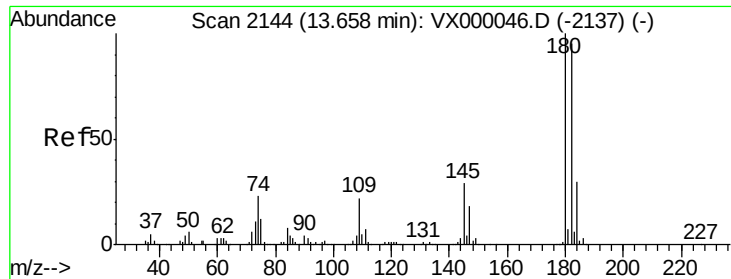
MMDadoda
2/15/2018 6:05:11 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.61 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.1	52.0	156.0
157	87.7	65.3	195.9





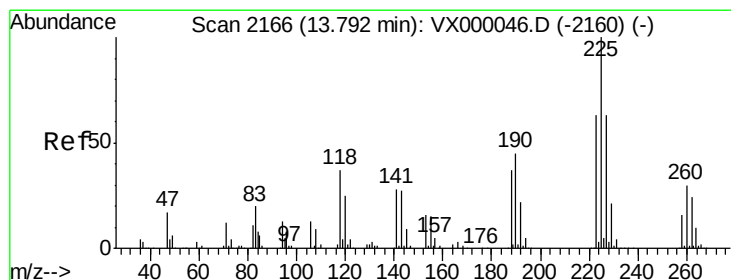
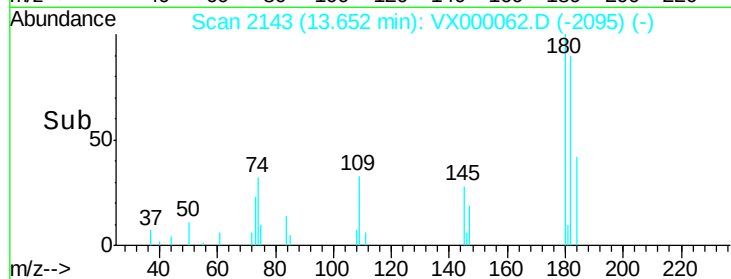
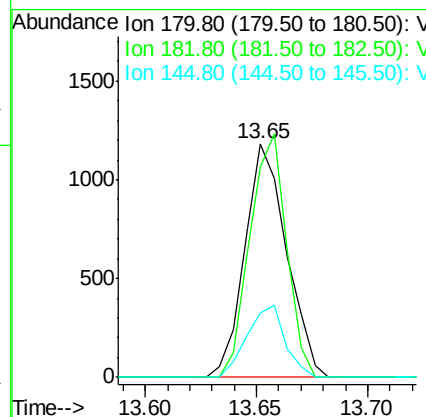
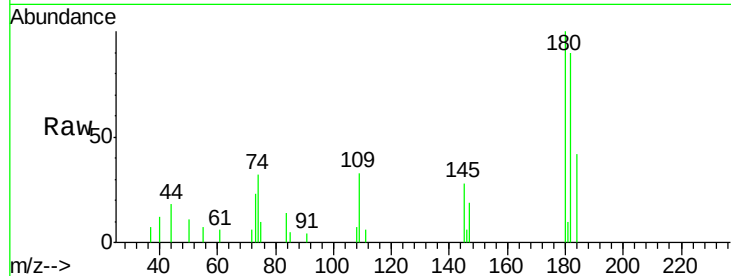
#93
 1,2,4-Trichlorobenzene
 Concen: 0.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Instrument :
 ClientSampled :
 MDL 06

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.1	48.0	144.0
145	28.0	14.7	44.1

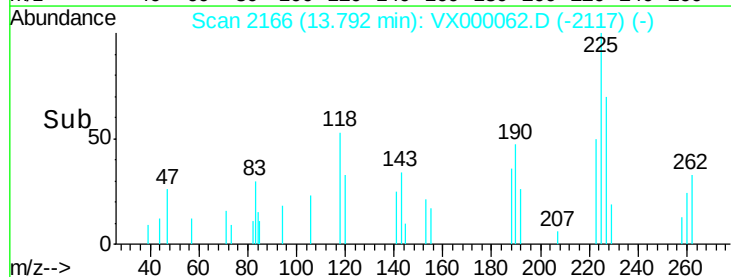
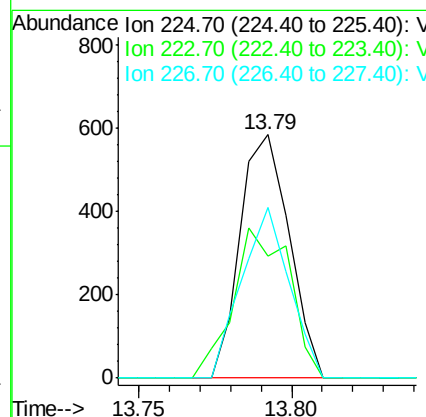
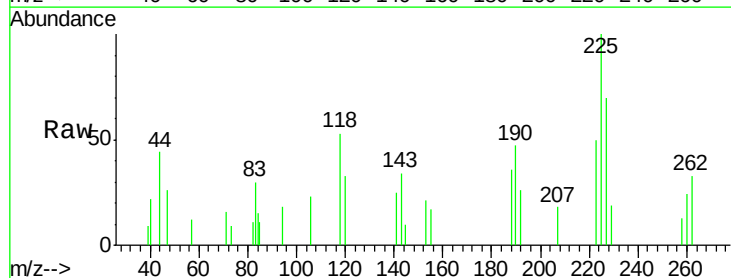
Manual Integrations
 APPROVED

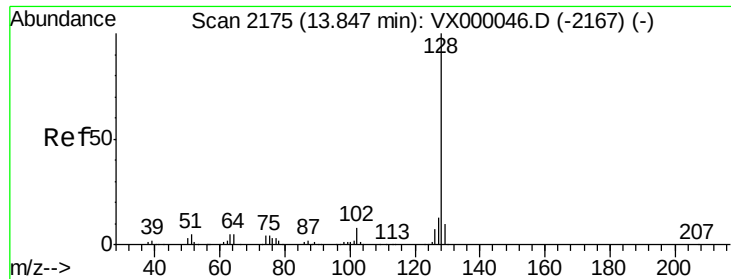
MMDadoda
 2/15/2018 6:05:11 PM



#94
 Hexachlorobutadiene
 Concen: 0.55 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000062.D
 Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	70.4	31.9	95.5
227	67.9	31.6	95.0





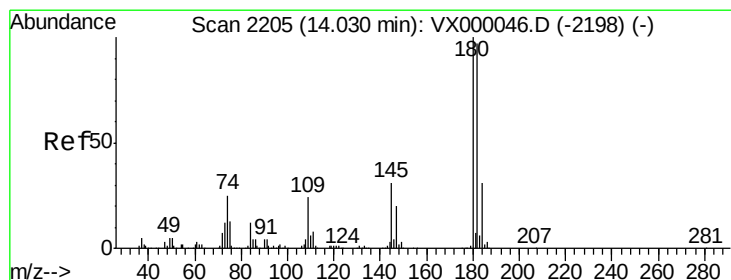
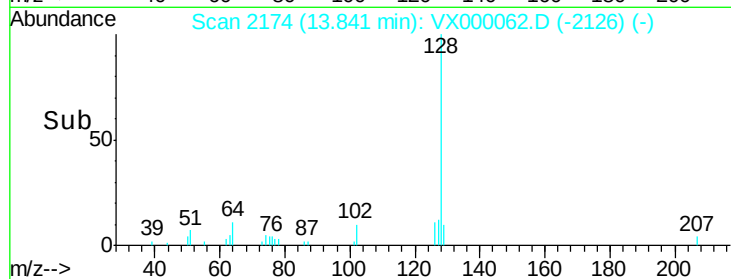
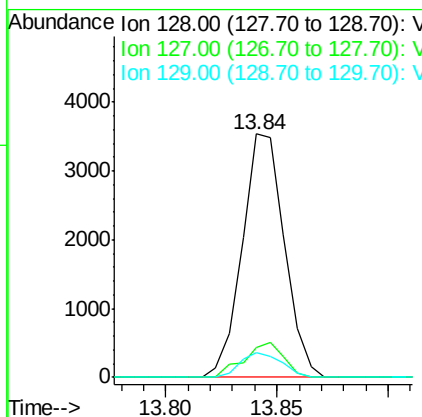
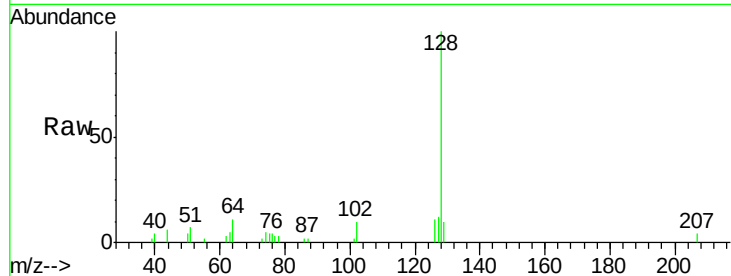
#95
Naphthalene
Concen: 0.57 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Instrument :
Client Sampled :
MDL 06

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	9.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 0.57 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000062.D
Acq: 12 Feb 2018 13:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.7
145	31.1	15.7	47.0

