

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000069.D
 Acq On : 12 Feb 2018 17:10
 Operator : JC/MD
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:17 PM

Quant Time: Feb 13 04:00:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	112413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	180685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	175344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103748	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	61853	52.66	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.32%	
35) Dibromofluoromethane	5.51	113	51876	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.73	98	197568	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.15	95	81848	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21702	21.30	ug/l	96
3) Chloromethane	1.32	50	21888	21.10	ug/l	97
4) Vinyl Chloride	1.41	62	25024	21.41	ug/l	97
5) Bromomethane	1.64	94	22172	35.51	ug/l	96
6) Chloroethane	1.73	64	16474	23.44	ug/l	96
7) Trichlorofluoromethane	1.93	101	44056	21.63	ug/l	97
8) Diethyl Ether	2.19	74	15182	20.59	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	24524	21.31	ug/l	97
10) Methyl Iodide	2.52	142	22305	17.12	ug/l	99
11) Tert butyl alcohol	3.07	59	54382	115.71	ug/l	99
12) 1,1-Dichloroethene	2.38	96	22266	20.41	ug/l	95
13) Acrolein	2.30	56	20432	84.70	ug/l	90
14) Allyl chloride	2.73	41	38803	20.42	ug/l	99
15) Acrylonitrile	3.15	53	89892	109.78	ug/l	100
16) Acetone	2.45	43	83709	120.38	ug/l	97
17) Carbon Disulfide	2.57	76	64412	20.27	ug/l	100
18) Methyl Acetate	2.78	43	40691	23.21	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	77110	20.66	ug/l	100
20) Methylene Chloride	2.86	84	23786	20.43	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	23659	20.15	ug/l	96
22) Diisopropyl ether	3.88	45	71366	22.74	ug/l	96
23) Vinyl Acetate	3.83	43	339960	119.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	41401	21.22	ug/l	98
25) 2-Butanone	4.71	43	123239	117.43	ug/l	99
26) 2,2-Dichloropropane	4.59	77	34555	20.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	23384	20.32	ug/l	96
28) Bromochloromethane	5.03	49	13552	20.95	ug/l	88
29) Tetrahydrofuran	5.18	42	80933	112.54	ug/l	99
30) Chloroform	5.23	83	41222	20.96	ug/l	98
31) Cyclohexane	5.59	56	34449	21.50	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	38024	20.54	ug/l	97
36) 1,1-Dichloropropene	5.81	75	31658	20.12	ug/l	99
37) Ethyl Acetate	4.87	43	42579	20.96	ug/l	98
38) Carbon Tetrachloride	5.79	117	35258	19.96	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000069.D
 Acq On : 12 Feb 2018 17:10
 Operator : JC/MD
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VX0212WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:17 PM

Quant Time: Feb 13 04:00:13 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	7.47	83	39652	20.76	ug/l	97
40) Benzene	6.15	78	90146	20.27	ug/l	99
41) Methacrylonitrile	5.07	41	21737	20.83	ug/l	99
42) 1,2-Dichloroethane	6.21	62	33817	21.29	ug/l	98
43) Isopropyl Acetate	6.48	43	63065	20.59	ug/l	100
44) Trichloroethene	7.22	130	26765	19.45	ug/l	95
45) 1,2-Dichloropropane	7.52	63	22279	20.61	ug/l	92
46) Dibromomethane	7.67	93	17600	21.09	ug/l	94
47) Bromodichloromethane	7.91	83	32610	20.10	ug/l	98
48) Methyl methacrylate	7.79	41	31152	20.72	ug/l	95
49) 1,4-Dioxane	7.77	88	17184	429.09	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	234861	110.04	ug/l	96
52) Toluene	8.79	92	61555	20.61	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	38841	20.46	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	37996	20.60	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	25631	20.46	ug/l	98
56) Ethyl methacrylate	9.19	69	40129	20.88	ug/l	98
57) 1,3-Dichloropropane	9.38	76	41645	21.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	96744	101.94	ug/l	98
59) 2-Hexanone	9.51	43	200383	115.44	ug/l	98
60) Dibromochloromethane	9.59	129	28850	20.03	ug/l	99
61) 1,2-Dibromoethane	9.68	107	28329	20.53	ug/l	97
64) Tetrachloroethene	9.34	164	25433	19.48	ug/l	95
65) Chlorobenzene	10.15	112	74860	20.54	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	25812	19.70	ug/l	97
67) Ethyl Benzene	10.26	91	126121	20.88	ug/l	100
68) m/p-Xylenes	10.37	106	99090	41.18	ug/l	98
69) o-Xylene	10.71	106	47719	20.55	ug/l	98
70) Styrene	10.72	104	80116	20.42	ug/l	99
71) Bromoform	10.87	173	23690	19.11	ug/l #	99
73) Isopropylbenzene	11.02	105	129338	19.65	ug/l	100
74) N-amyl acetate	6.48	43	63065	19.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	43827	19.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	40178m	20.56	ug/l	
77) Bromobenzene	11.26	156	34528	19.33	ug/l	98
78) n-propylbenzene	11.37	91	151563	19.86	ug/l	100
79) 2-Chlorotoluene	11.43	91	87255	19.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	110593	20.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	14791	18.73	ug/l	93
82) 4-Chlorotoluene	11.52	91	105750	20.05	ug/l	100
83) tert-Butylbenzene	11.78	119	112297	20.15	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	114377	20.26	ug/l	99
85) sec-Butylbenzene	11.96	105	139163	20.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	125906	20.42	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	67150	19.95	ug/l	100
88) 1,4-Dichlorobenzene	12.11	146	67995	19.74	ug/l	98
89) n-Butylbenzene	12.40	91	117536	20.41	ug/l	99
90) Hexachloroethane	12.60	117	20670	19.17	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	65578	19.92	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	13028	20.32	ug/l	92

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
Data File : VX000069.D
Acq On : 12 Feb 2018 17:10
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
VX0212WBS01

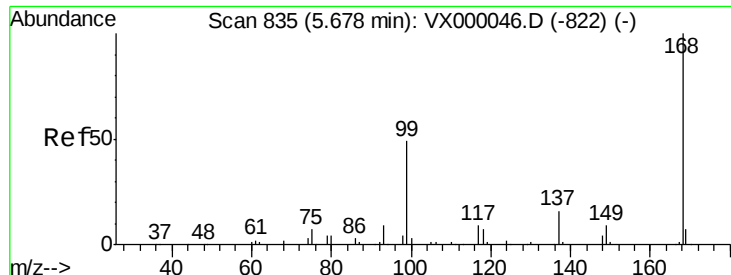
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM

Quant Time: Feb 13 04:00:13 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	13.66	180	49929	19.82	ug/l	99
94) Hexachlorobutadiene	13.79	225	23007	19.36	ug/l	99
95) Naphthalene	13.85	128	169440	20.70	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	50079	20.44	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampleId :

VX0212WBS01

Tot Ion:168 Resp: 112413

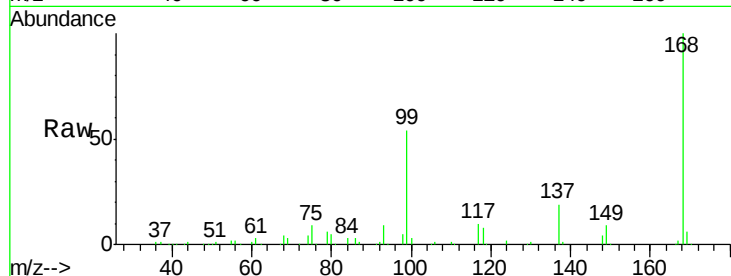
Ion Ratio Lower Upper

168 100

99 54.0 39.4 59.2

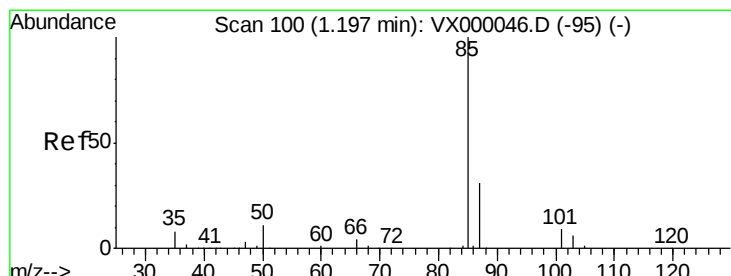
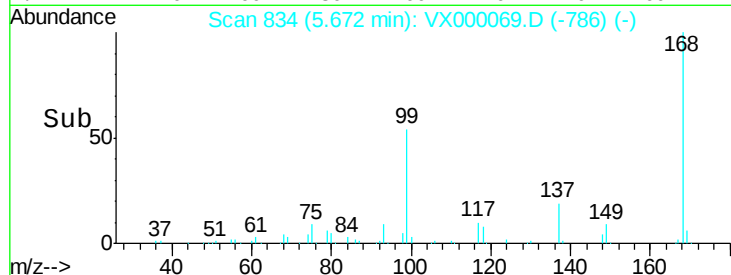
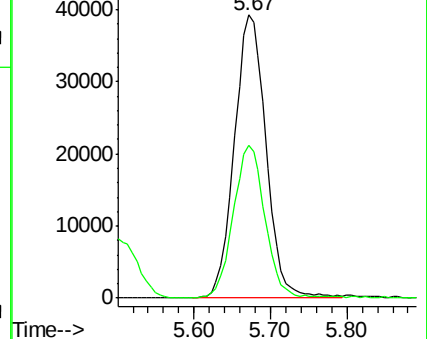
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000069.D

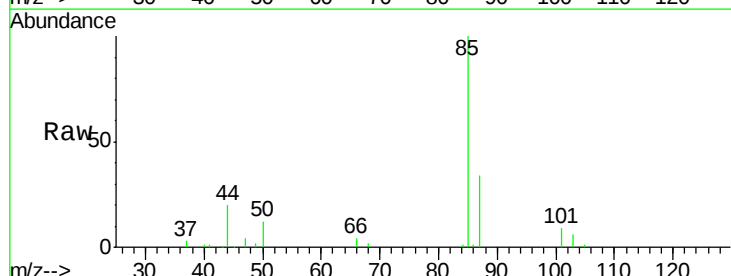
Acq: 12 Feb 2018 17:10

Tgt Ion: 85 Resp: 21702

Ion Ratio Lower Upper

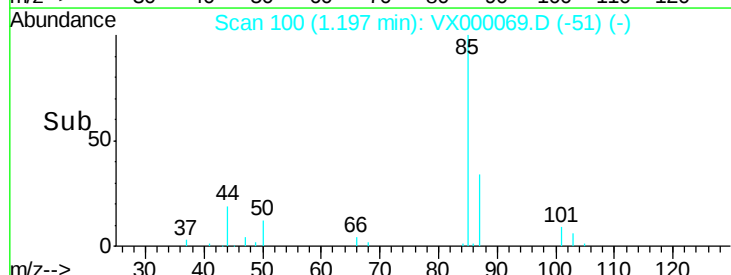
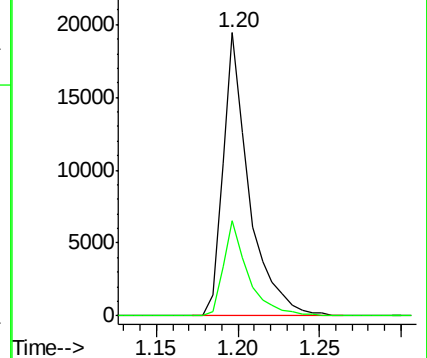
85 100

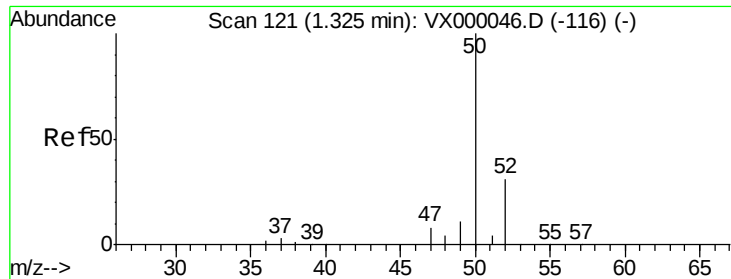
87 33.7 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 21.10 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 50 Resp: 21888

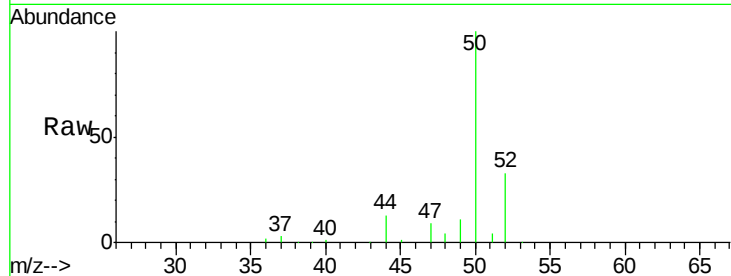
Ion Ratio Lower Upper

50 100

52 32.9 25.0 37.6

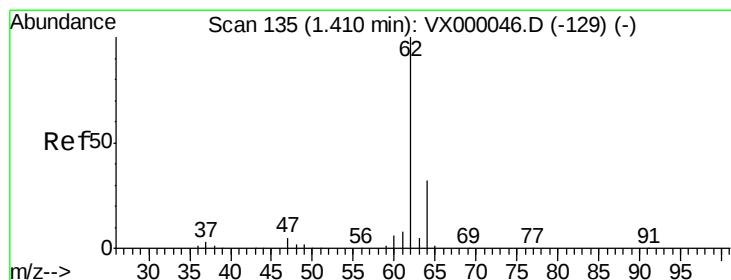
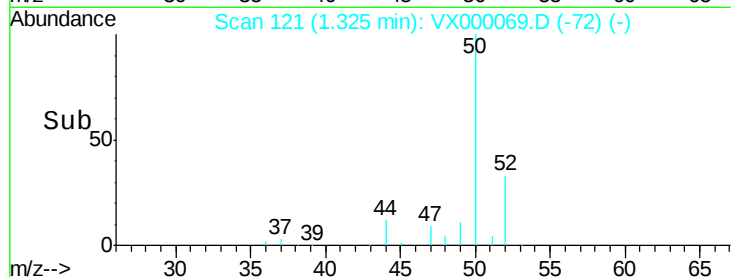
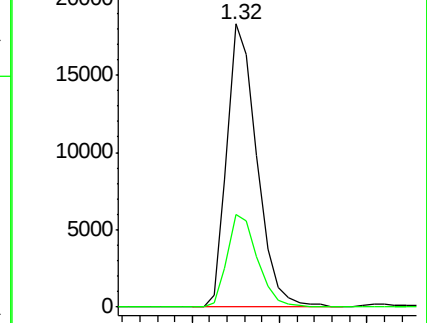
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.41 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000069.D

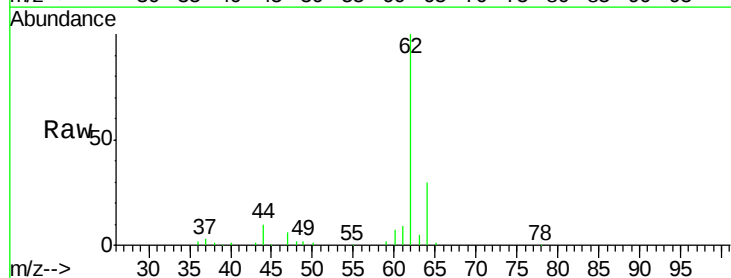
Acq: 12 Feb 2018 17:10

Tgt Ion: 62 Resp: 25024

Ion Ratio Lower Upper

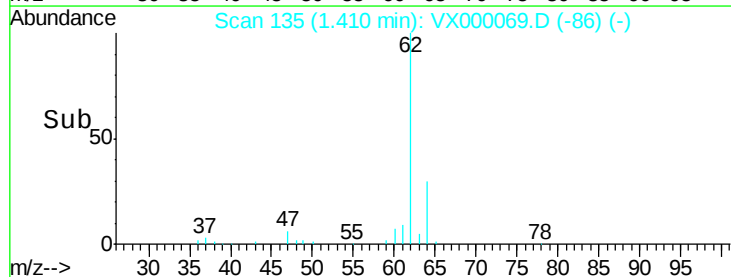
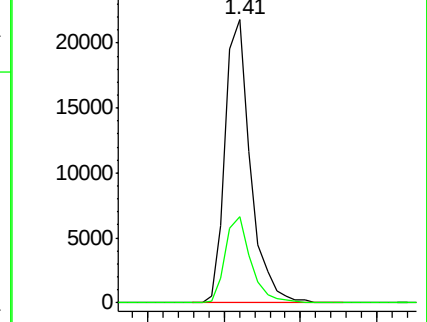
62 100

64 30.3 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.51 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 94 Resp: 22172

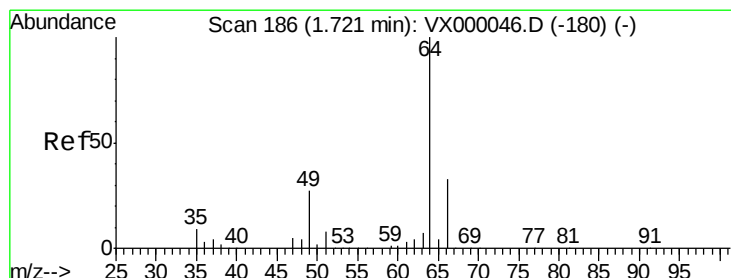
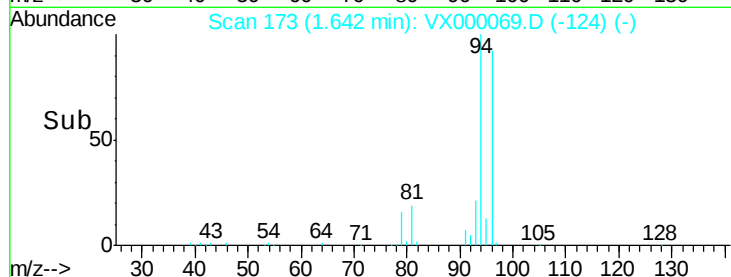
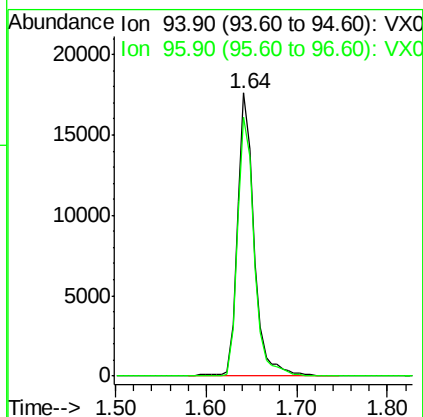
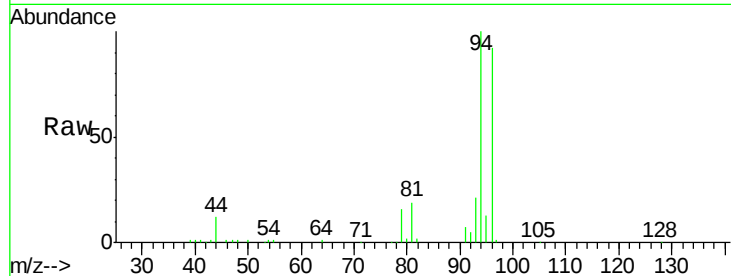
Ion Ratio Lower Upper

94 100

96 91.7 76.7 115.1

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#6

Chloroethane

Concen: 23.44 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX000069.D

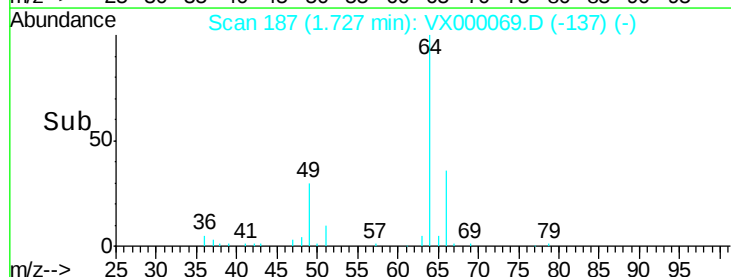
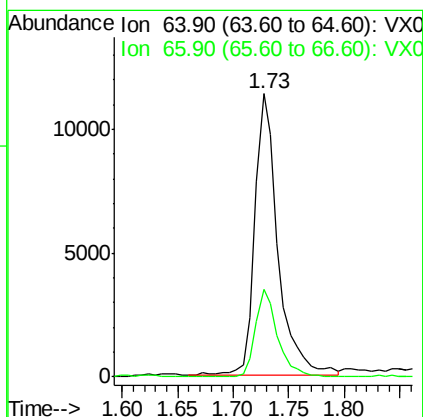
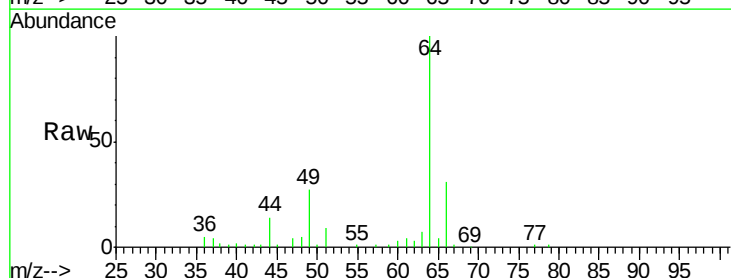
Acq: 12 Feb 2018 17:10

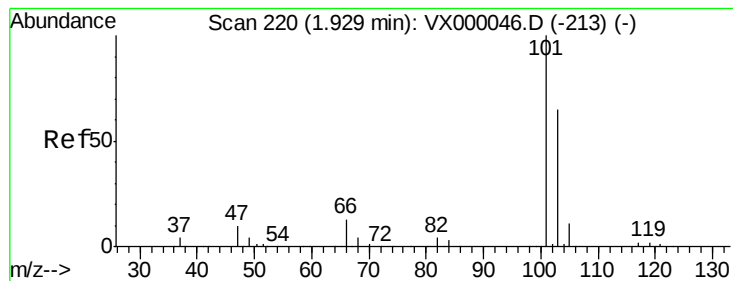
Tgt Ion: 64 Resp: 16474

Ion Ratio Lower Upper

64 100

66 31.0 26.4 39.6





#7

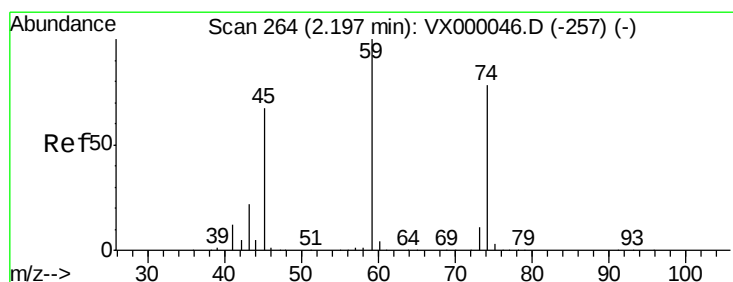
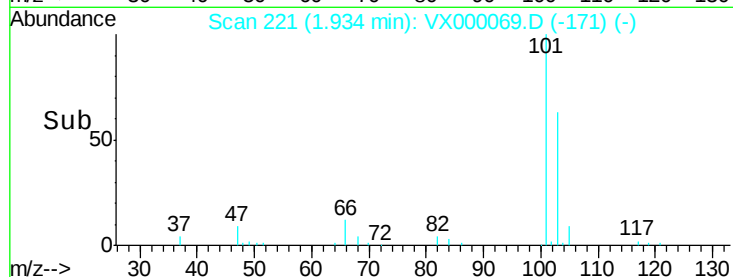
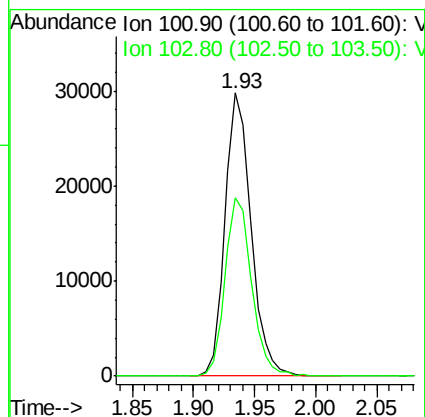
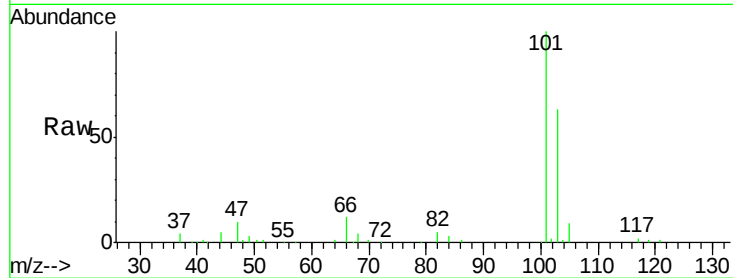
Trichlorofluoromethane
Concen: 21.63 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion:101 Resp: 44056
Ion Ratio Lower Upper
101 100
103 62.9 52.3 78.5

Manual Integrations
APPROVED

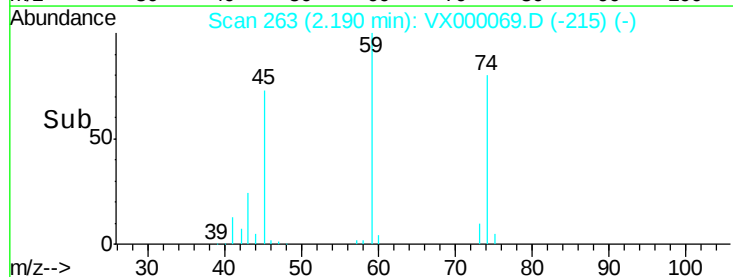
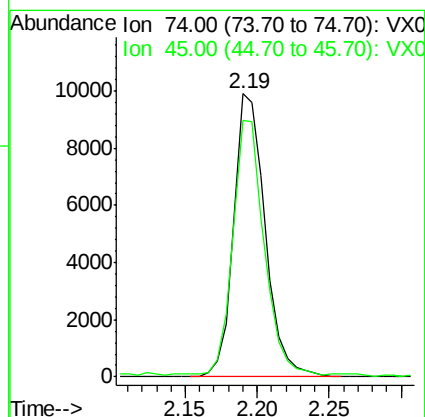
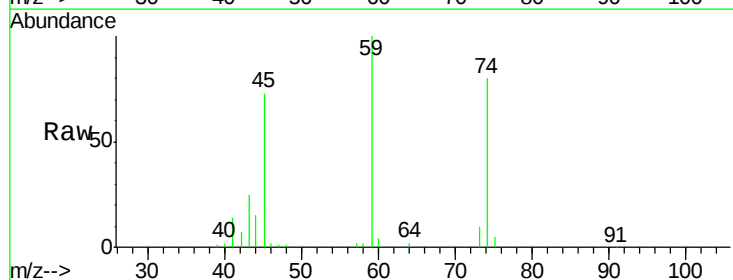
MMDadoda
2/15/2018 6:05:17 PM

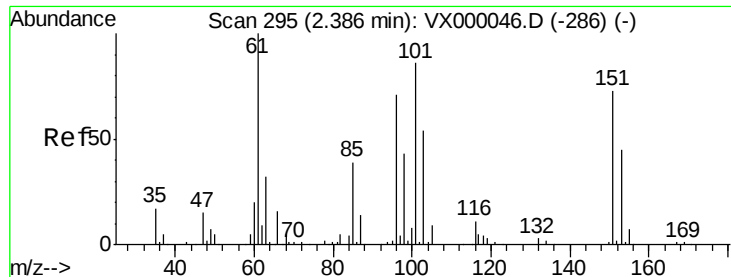


#8

Diethyl Ether
Concen: 20.59 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion: 74 Resp: 15182
Ion Ratio Lower Upper
74 100
45 88.5 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.31 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

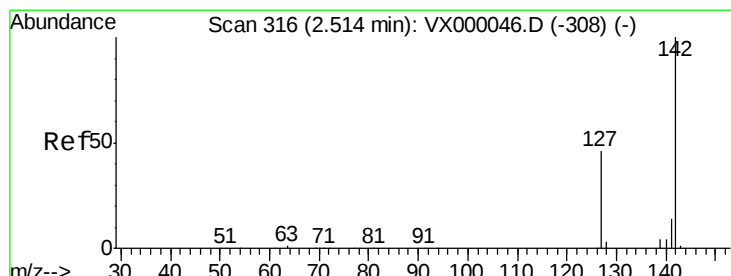
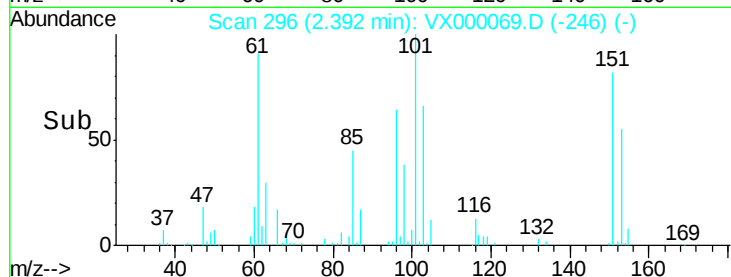
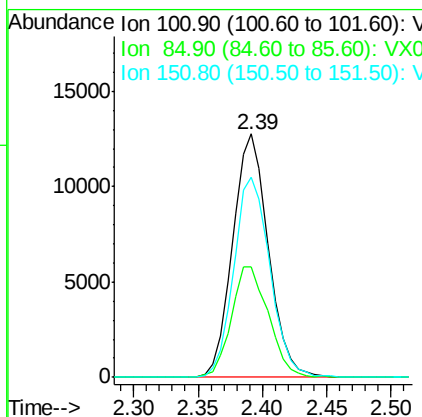
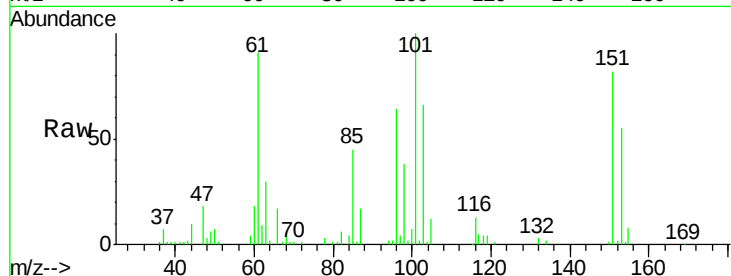
ClientSampleId :

VX0212WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.4	36.6	54.8
151	83.7	68.8	103.2

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#10

Methyl Iodide

Concen: 17.12 ug/l

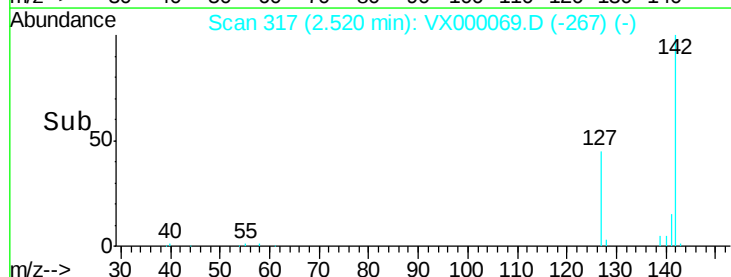
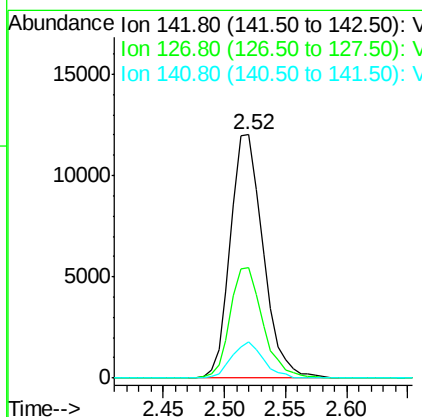
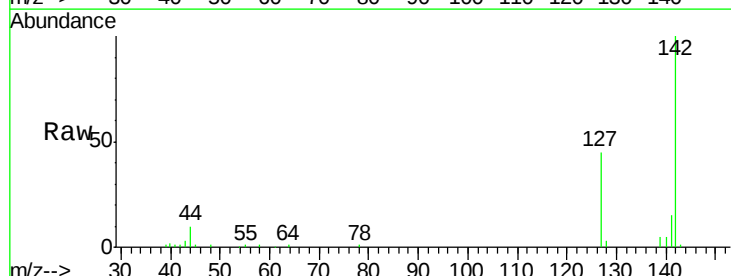
RT: 2.52 min Scan# 317

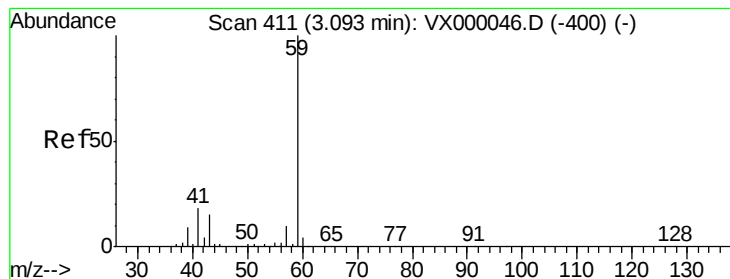
Delta R.T. 0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
142	100		
127	45.4	36.8	55.2
141	14.2	11.4	17.0





#11

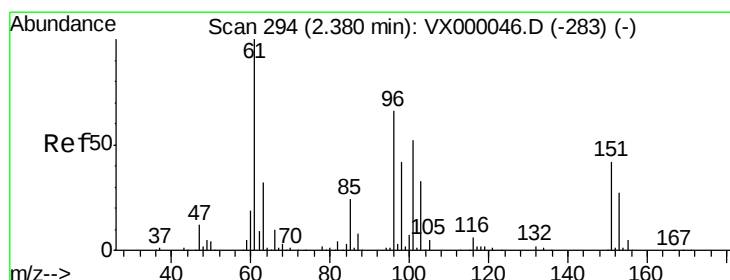
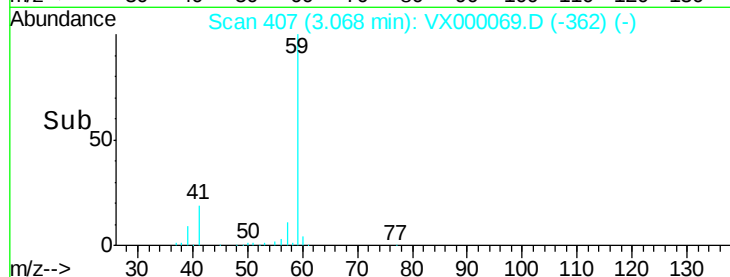
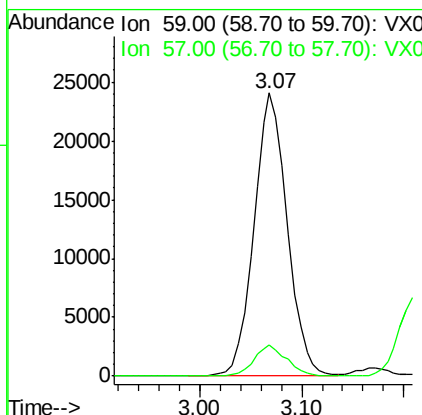
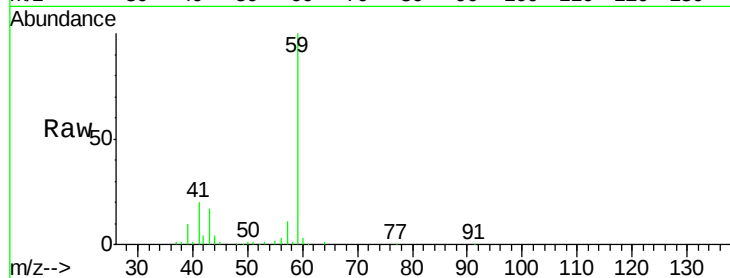
Tert butyl alcohol
Concen: 115.71 ug/l
RT: 3.07 min Scan# 407
Delta R.T. -0.02 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion	59	Resp	54382
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

Manual Integrations
APPROVED

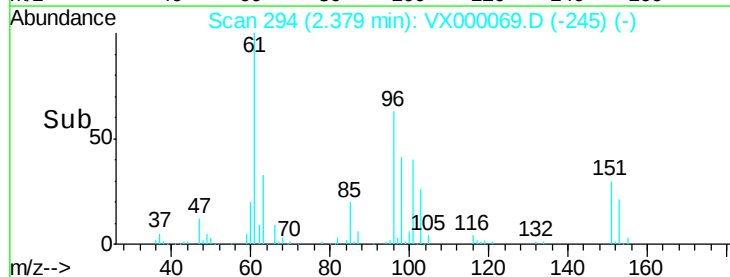
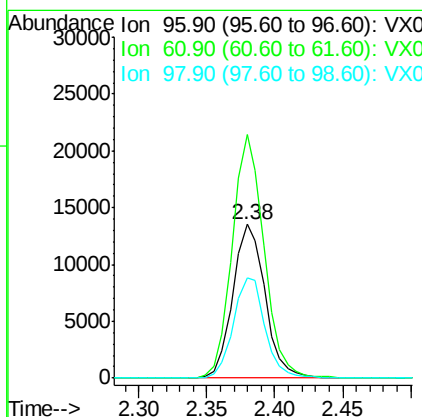
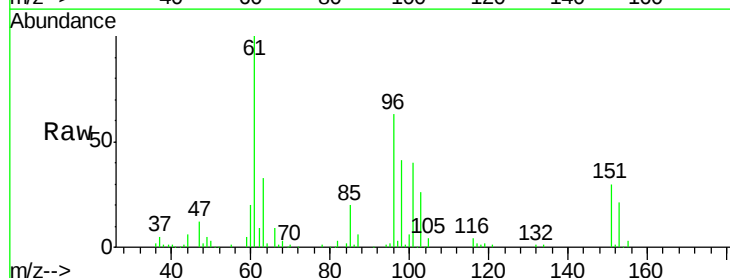
MMDadoda
2/15/2018 6:05:17 PM

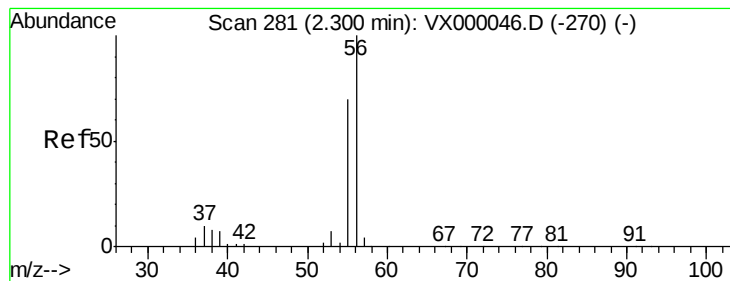


#12

1,1-Dichloroethene
Concen: 20.41 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	96	Resp	22266
Ion Ratio	100	Lower	Upper
61	158.3	120.3	180.5
98	65.1	51.0	76.4





#13

Acrolein

Concen: 84.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 56 Resp: 20432

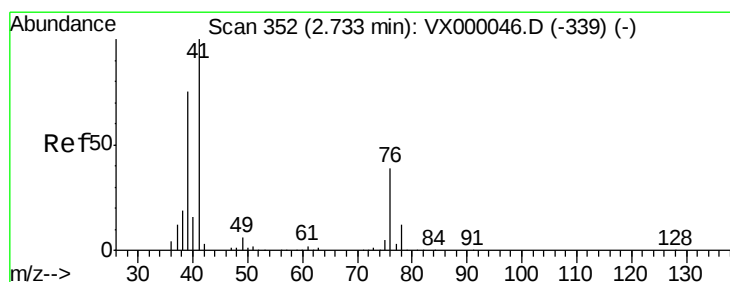
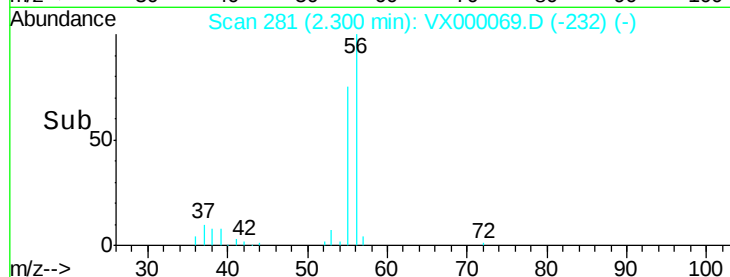
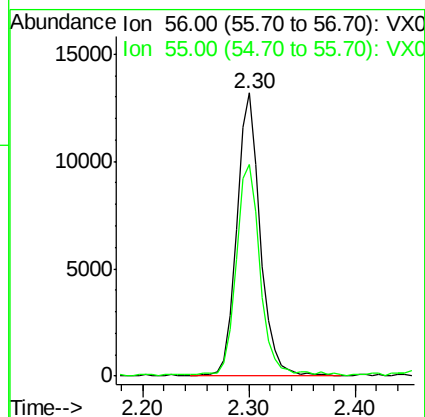
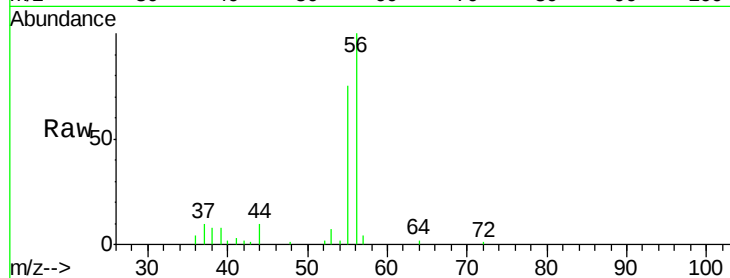
Ion Ratio Lower Upper

56 100

55 78.3 56.4 84.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#14

Allyl chloride

Concen: 20.42 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

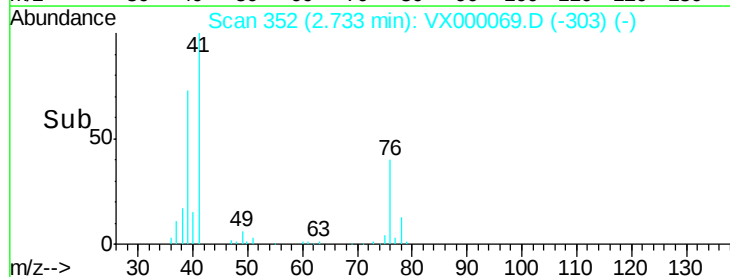
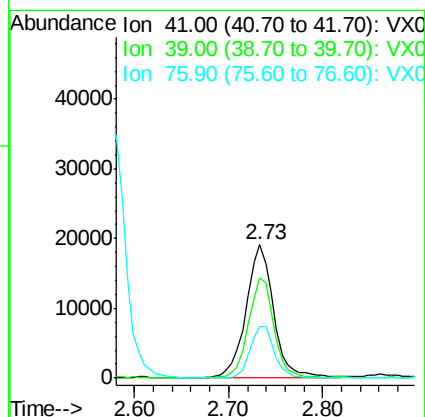
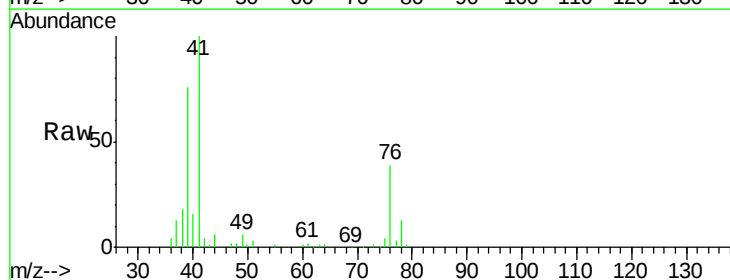
Tgt Ion: 41 Resp: 38803

Ion Ratio Lower Upper

41 100

39 69.4 55.8 83.6

76 34.6 28.7 43.1





#15

Acrylonitrile

Concen: 109.78 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

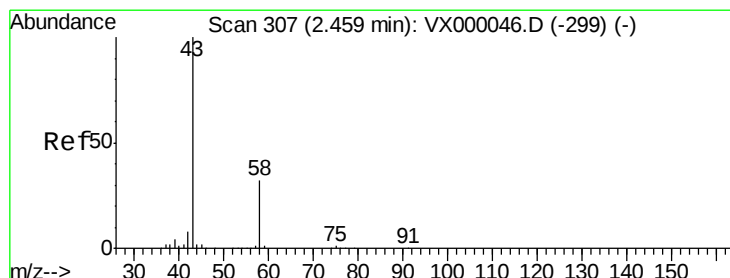
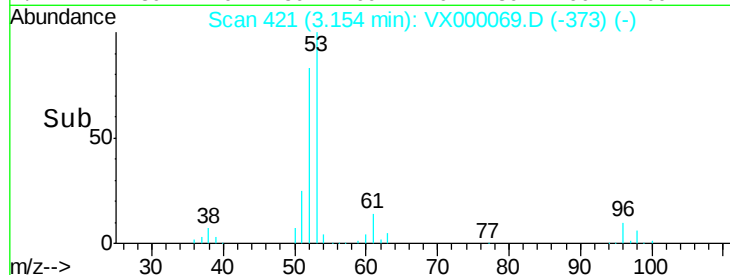
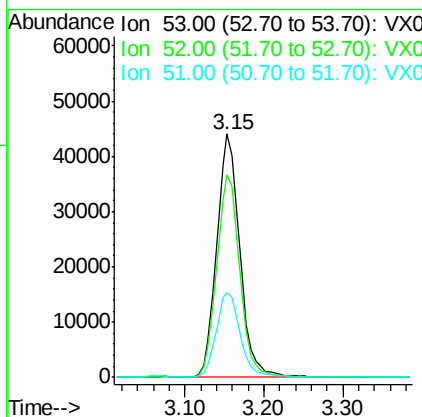
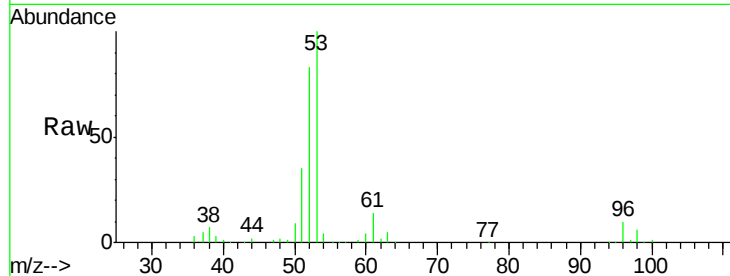
ClientSampled :

VX0212WBS01

Tot Ion:	53	Resp:	89892
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.5	99.7
51	36.2	29.1	43.7

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#16

Acetone

Concen: 120.38 ug/l

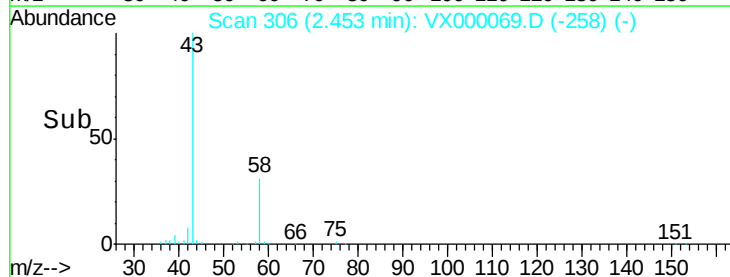
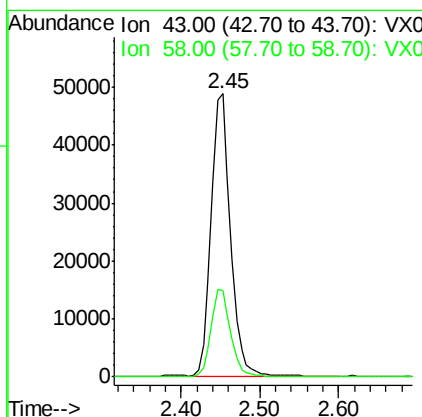
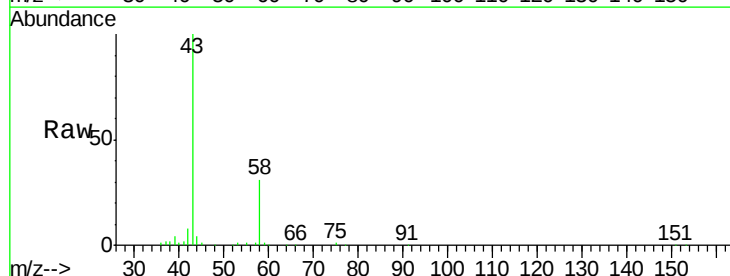
RT: 2.45 min Scan# 306

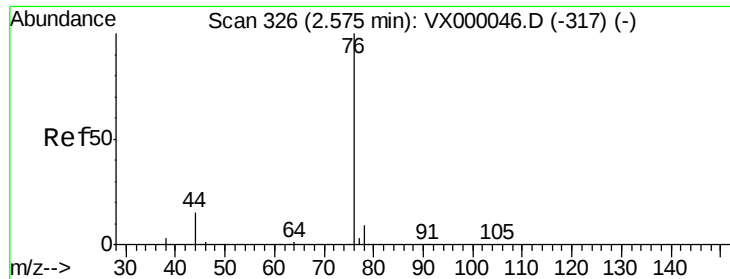
Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	43	Resp:	83709
Ion Ratio	Lower	Upper	
43	100		
58	30.7	25.9	38.9





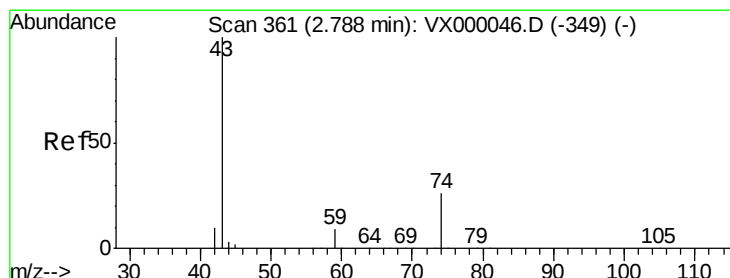
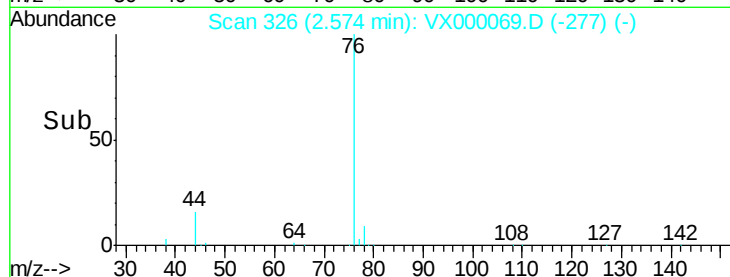
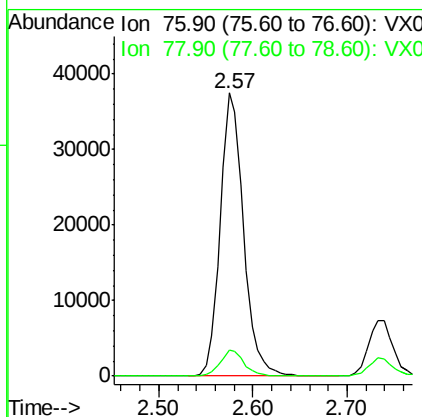
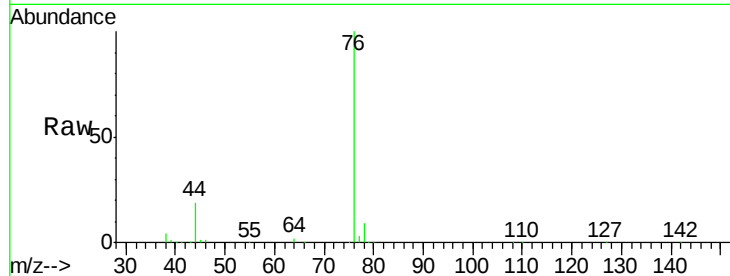
#17
Carbon Disulfide
Concen: 20.27 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

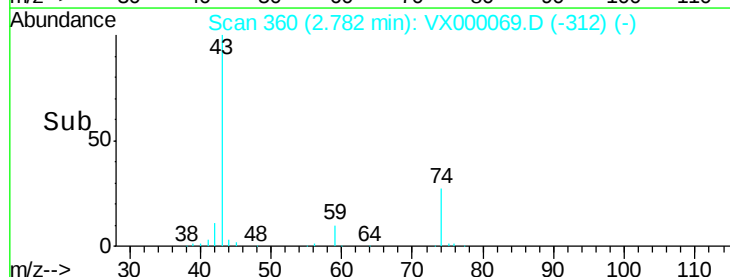
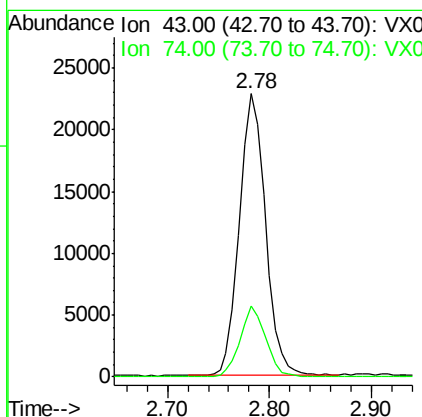
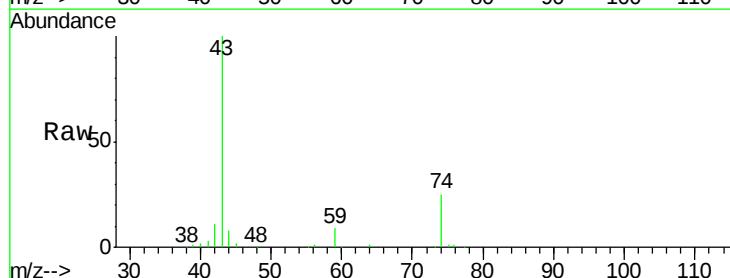
Manual Integrations
APPROVED

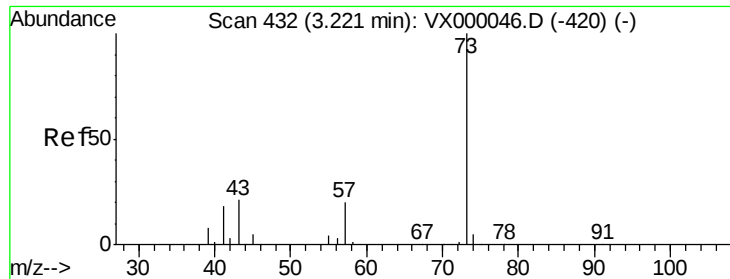
MMDadoda
2/15/2018 6:05:17 PM



#18
Methyl Acetate
Concen: 23.21 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	20.2	30.4





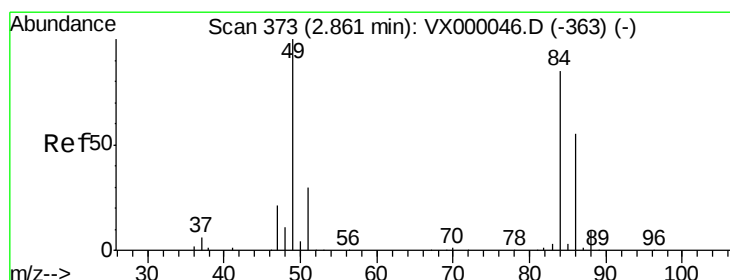
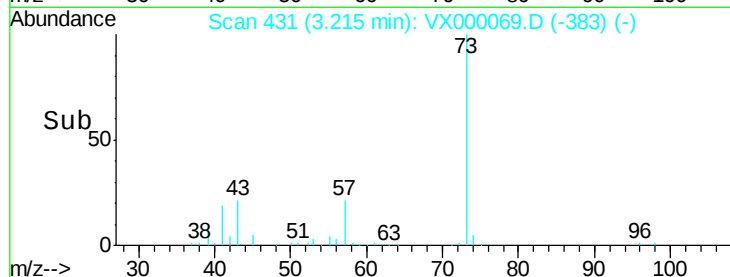
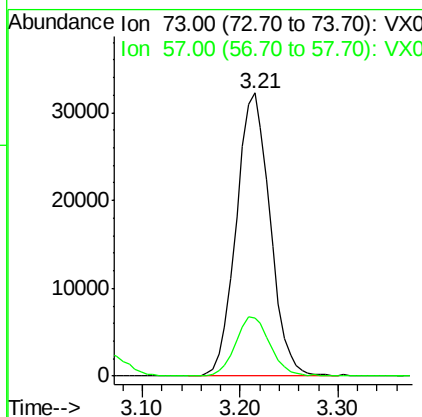
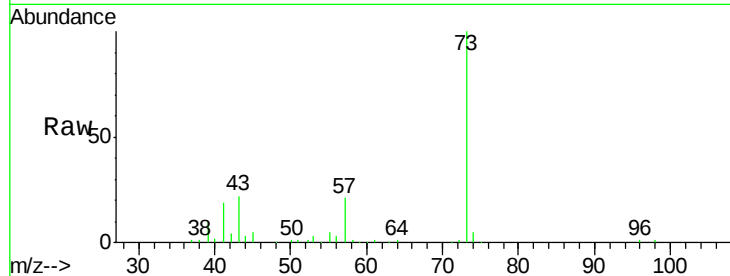
#19
Methvl tert-butvl Ether
Concen: 20.66 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion: 73 Resp: 77110
Ion Ratio Lower Upper
73 100
57 20.5 16.2 24.4

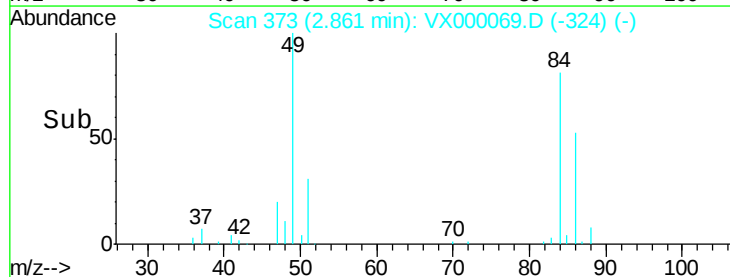
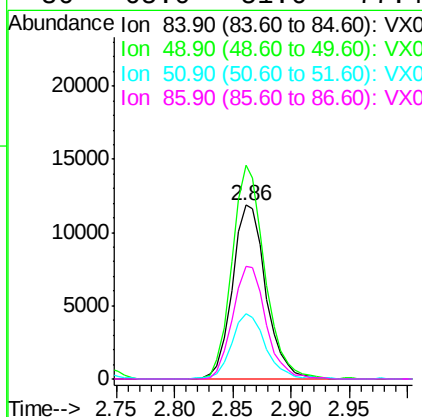
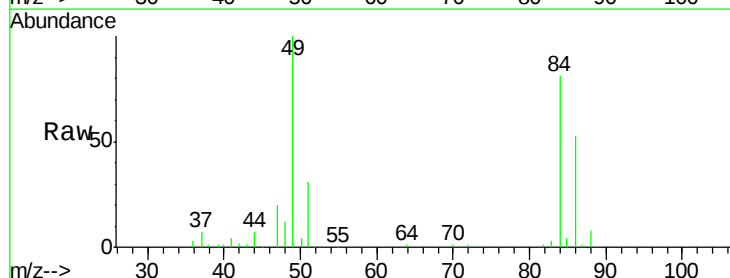
Manual Integrations
APPROVED

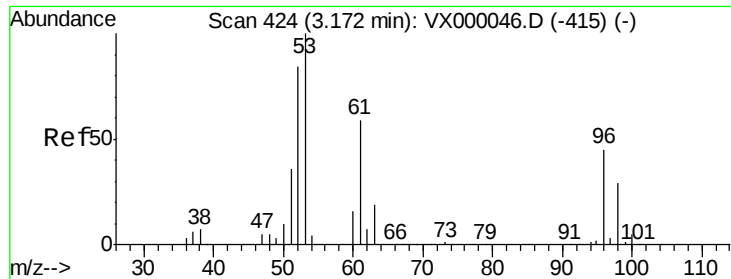
MMDadoda
2/15/2018 6:05:17 PM



#20
Methylene Chloride
Concen: 20.43 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion: 84 Resp: 23786
Ion Ratio Lower Upper
84 100
49 122.9 94.4 141.6
51 37.5 28.3 42.5
86 65.0 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 20.15 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 96 Resp: 23659

Ion Ratio Lower Upper

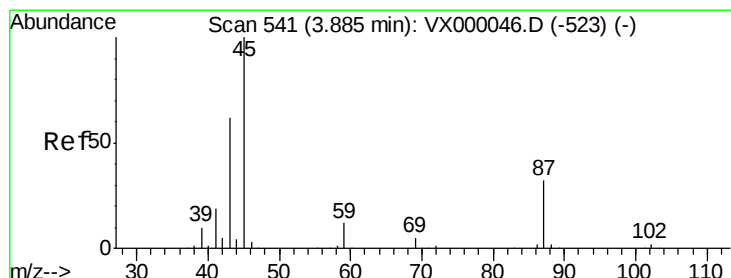
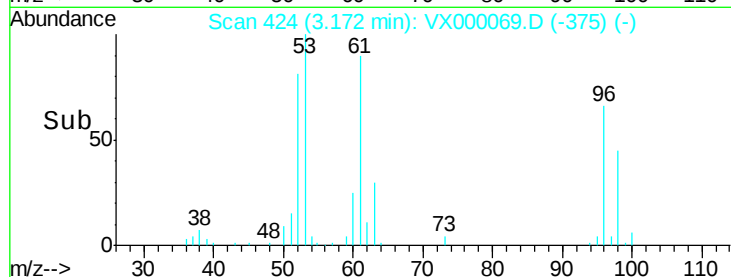
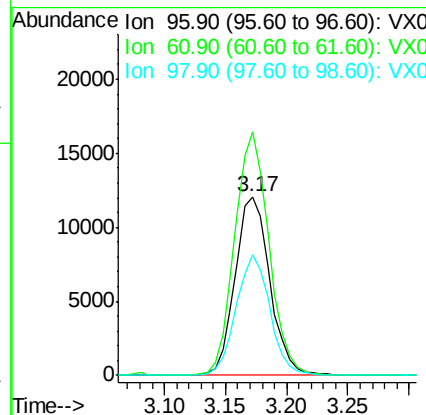
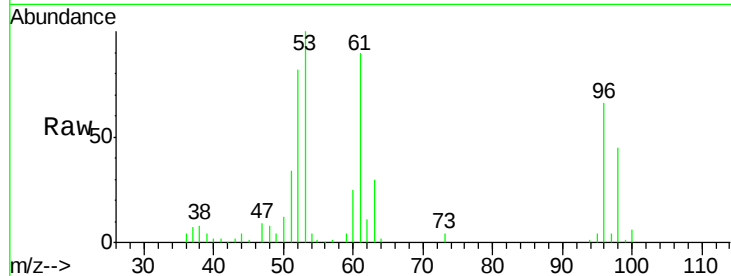
96 100

61 136.2 104.9 157.3

98 67.8 52.4 78.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#22

Diisopropyl ether

Concen: 22.74 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion: 45 Resp: 71366

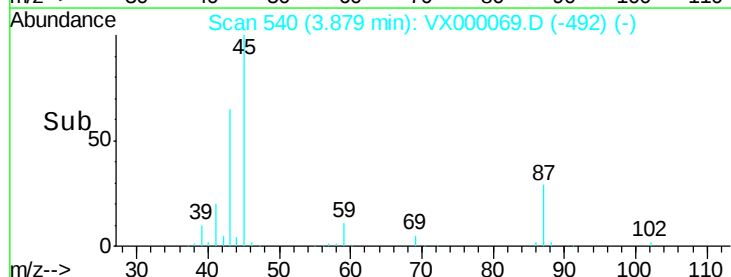
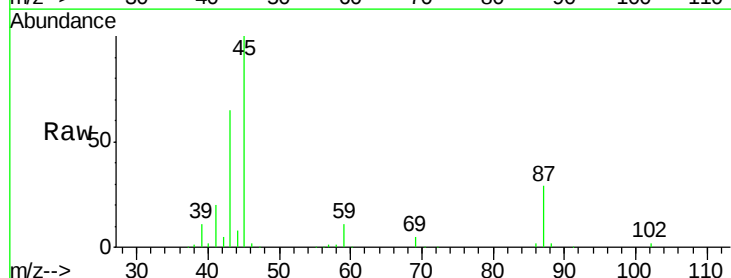
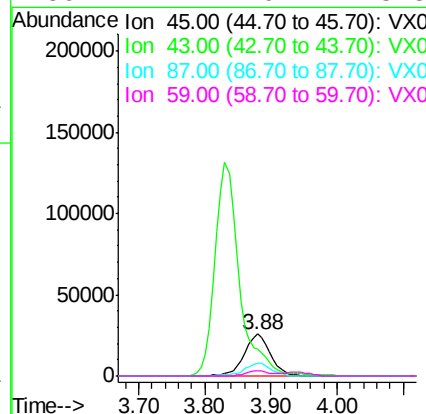
Ion Ratio Lower Upper

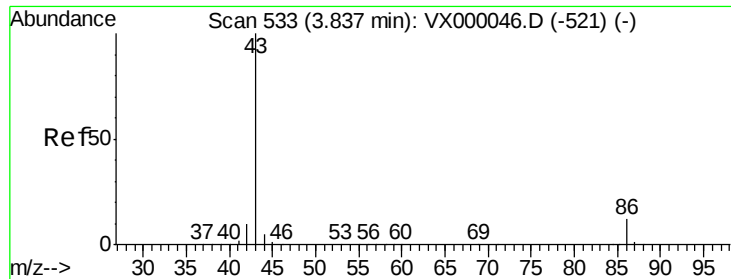
45 100

43 64.3 49.6 74.4

87 29.4 25.9 38.9

59 11.1 9.2 13.8





#23

Vinyl Acetate

Concen: 119.83 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 43 Resp: 339960

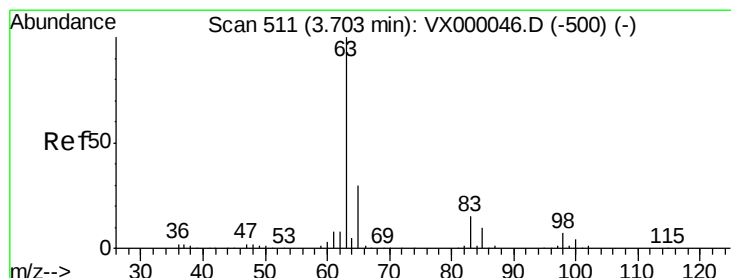
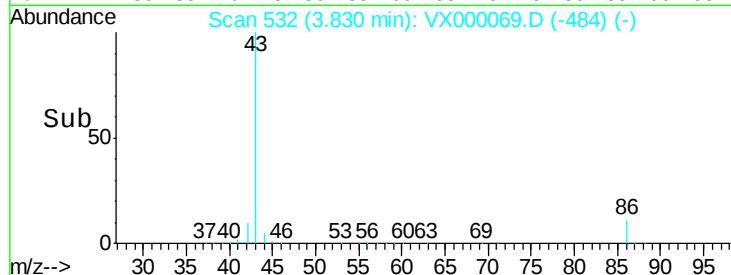
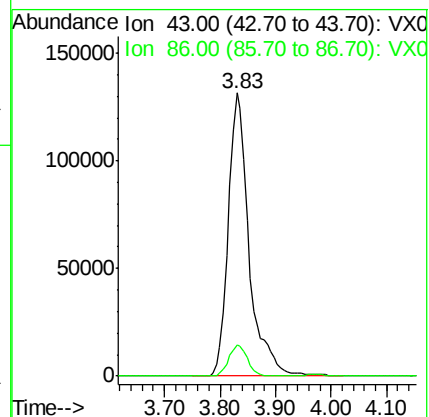
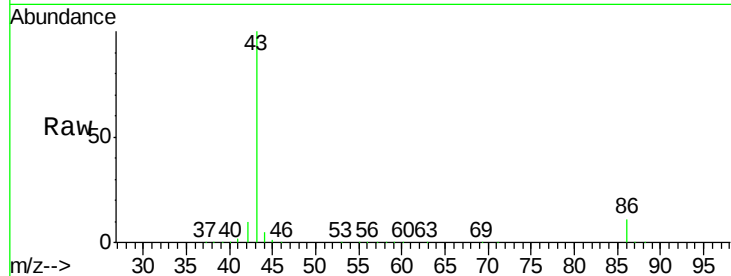
Ion Ratio Lower Upper

43 100

86 11.3 9.3 13.9

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#24

1,1-Dichloroethane

Concen: 21.22 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

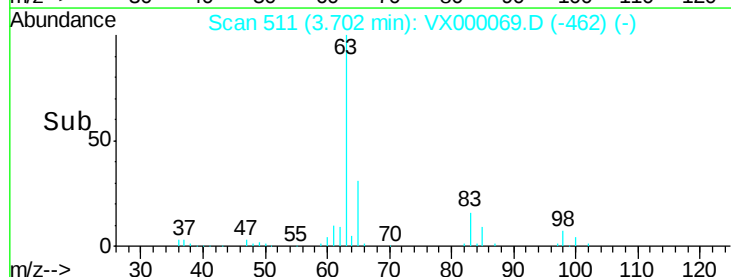
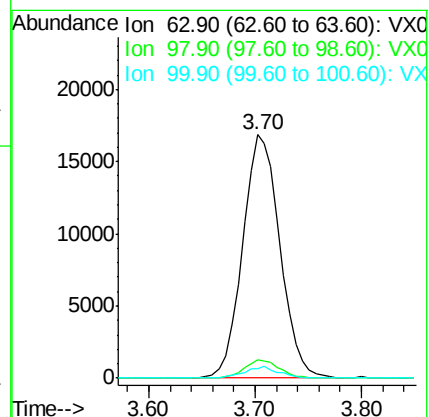
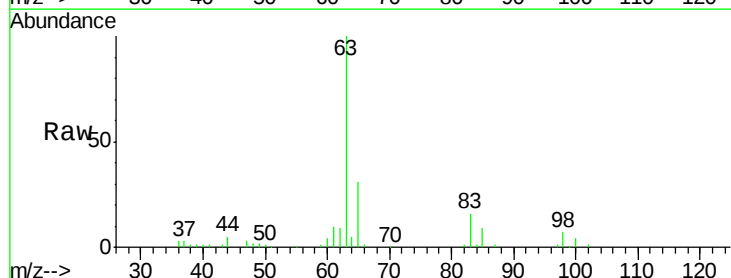
Tgt Ion: 63 Resp: 41401

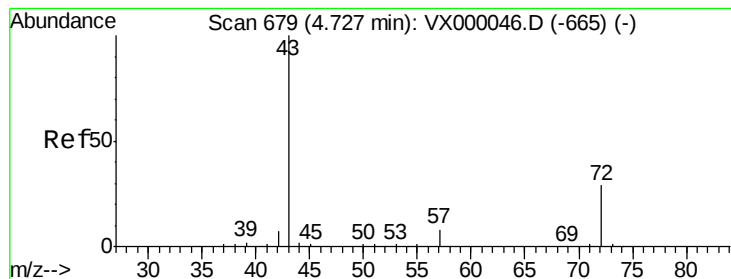
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.9

100 3.8 2.1 6.2





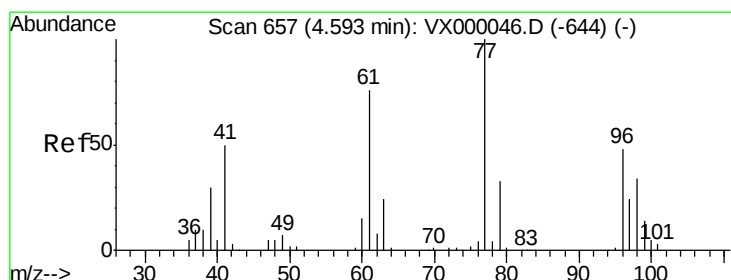
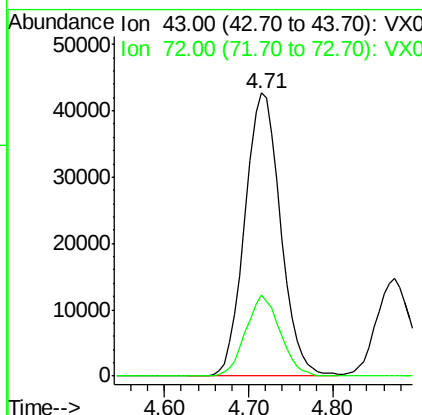
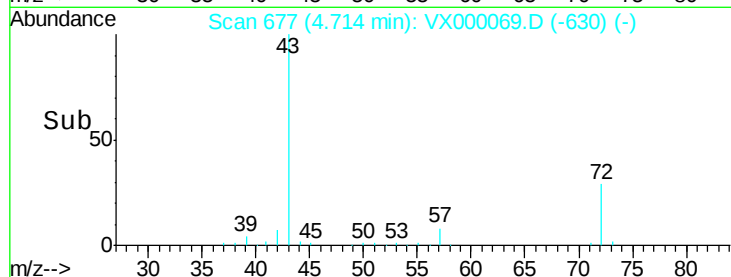
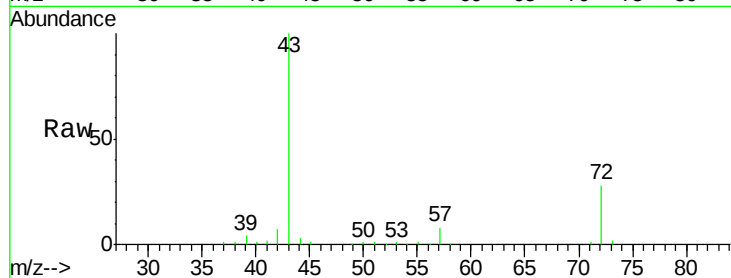
#25
2-Butanone
Concen: 117.43 ug/l
RT: 4.71 min Scan# 677
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion: 43 Resp: 123239
Ion Ratio Lower Upper
43 100
72 28.5 23.0 34.6

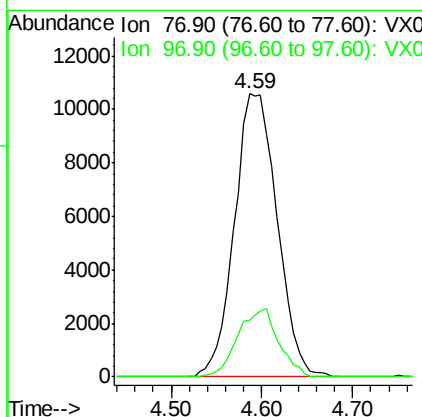
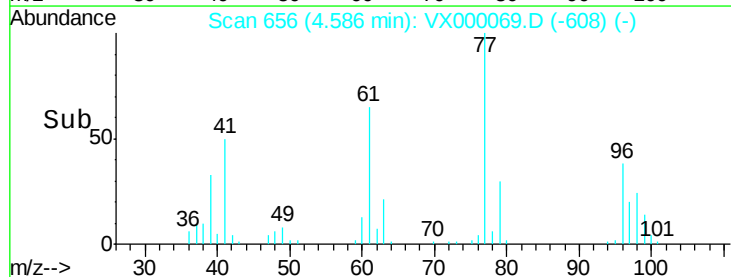
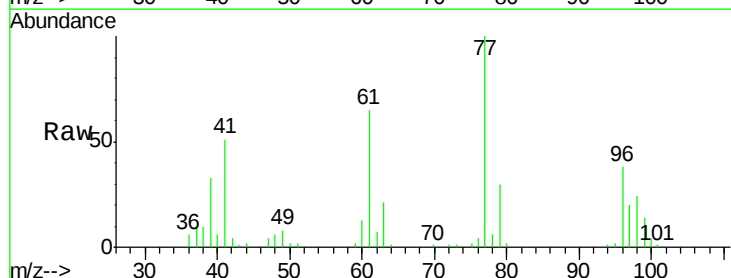
Manual Integrations
APPROVED

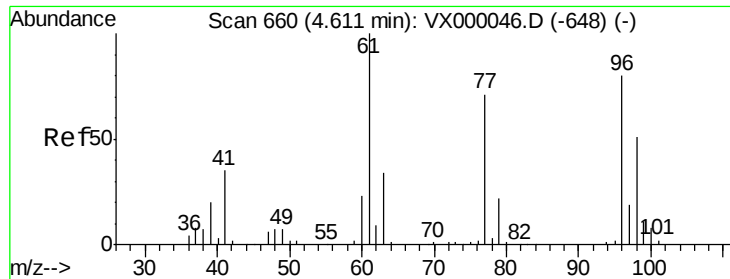
MMDadoda
2/15/2018 6:05:17 PM



#26
2,2-Dichloropropane
Concen: 20.67 ug/l
RT: 4.59 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion: 77 Resp: 34555
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4





#27

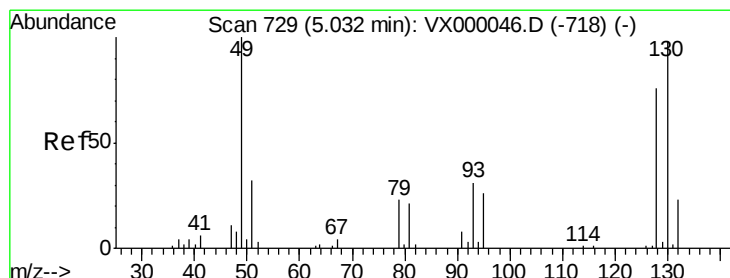
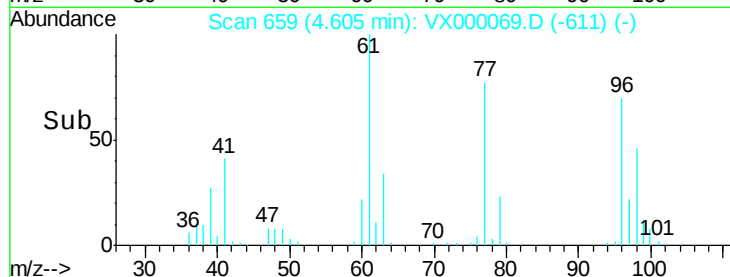
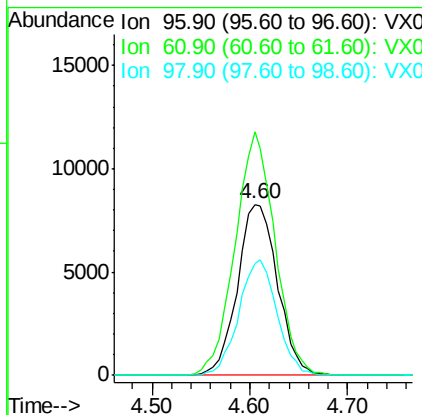
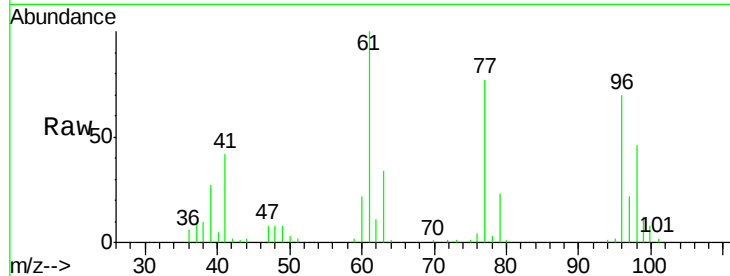
cis-1,2-Dichloroethene
Concen: 20.32 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	274.4
98	64.5	0.0	132.4

Manual Integrations
APPROVED

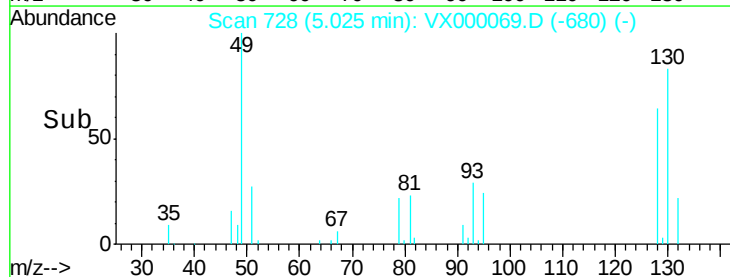
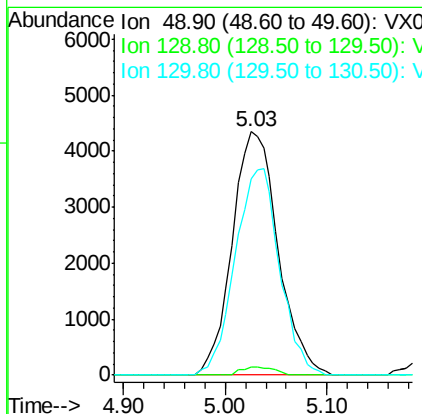
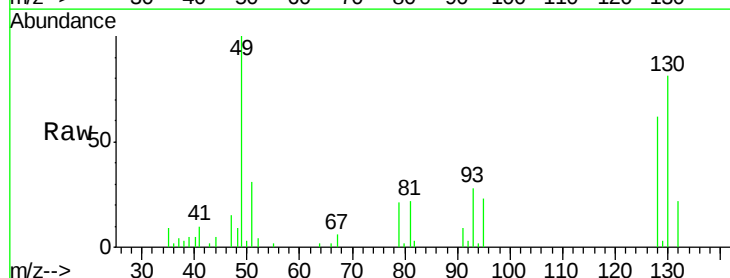
MMDadoda
2/15/2018 6:05:17 PM

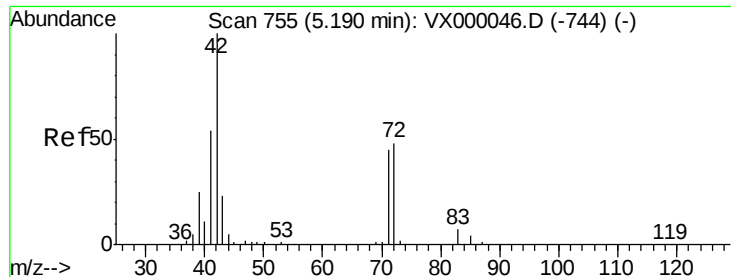


#28

Bromochloromethane
Concen: 20.95 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.0
130	82.2	75.6	113.4





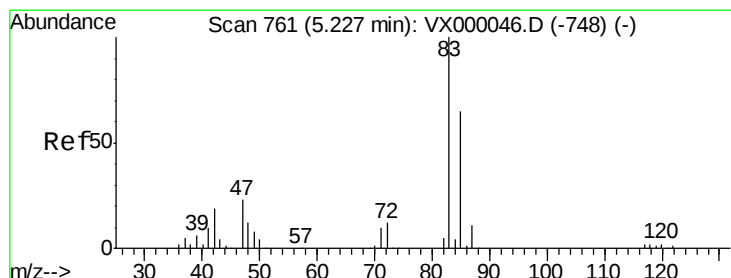
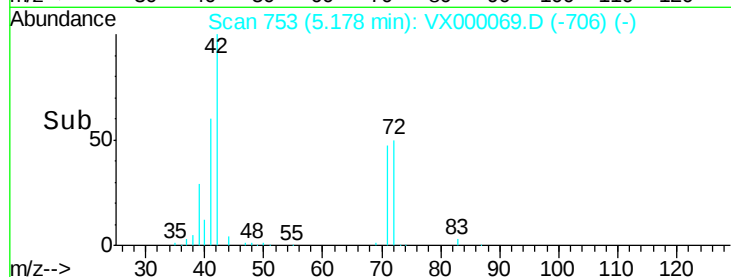
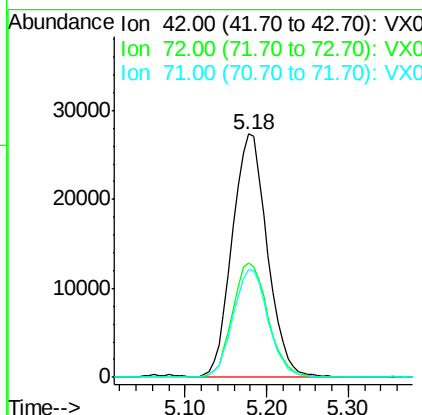
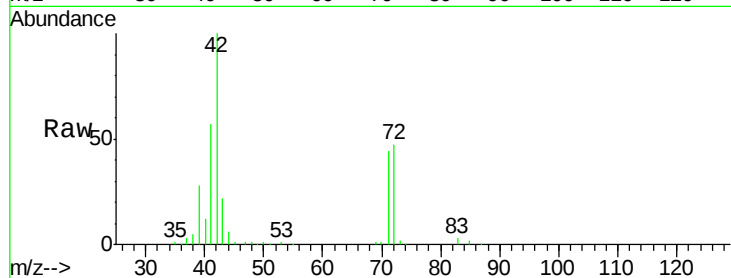
#29
Tetrahydrofuran
Concen: 112.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	39.0	58.6
71	44.7	36.7	55.1

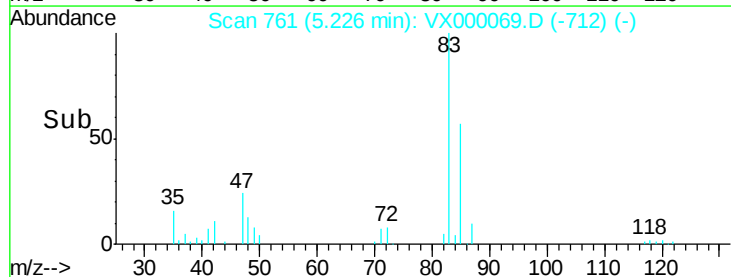
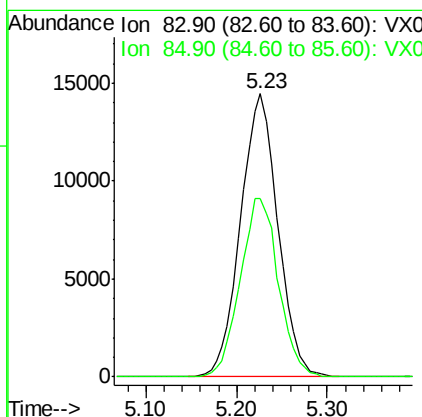
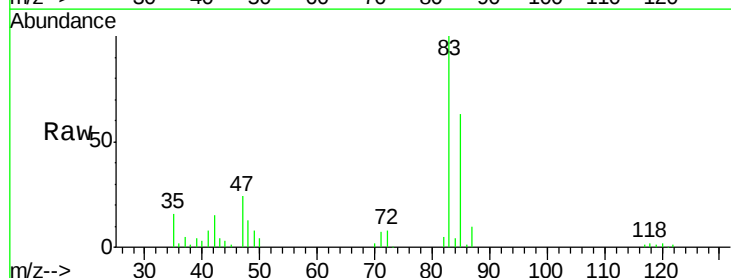
Manual Integrations
APPROVED

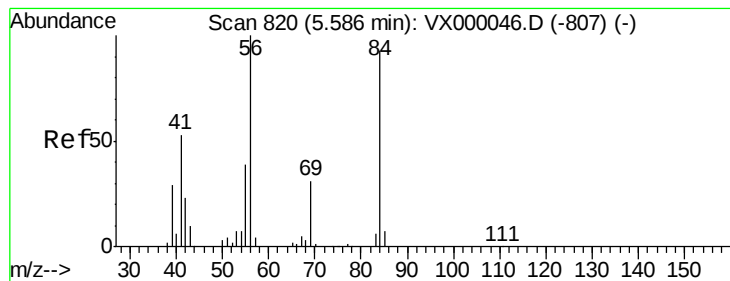
MMDadoda
2/15/2018 6:05:17 PM



#30
Chloroform
Concen: 20.96 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9





#31

Cyclohexane

Concen: 21.50 ug/l

RT: 5.59 min Scan# 820

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

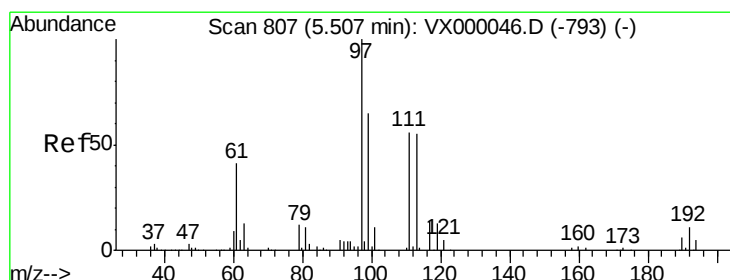
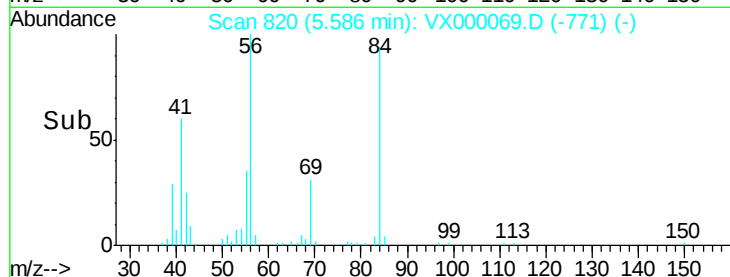
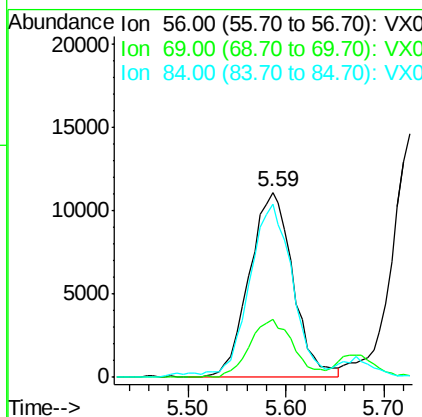
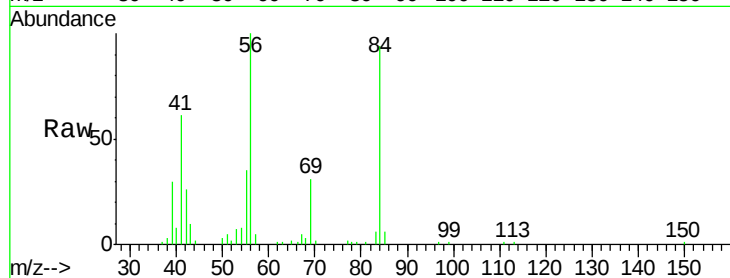
ClientSampled :

VX0212WBS01

Tot Ion:	56	Resp:	34449
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.5	36.7
84	91.3	74.8	112.2

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#32

1,1,1-Trichloroethane

Concen: 20.54 ug/l

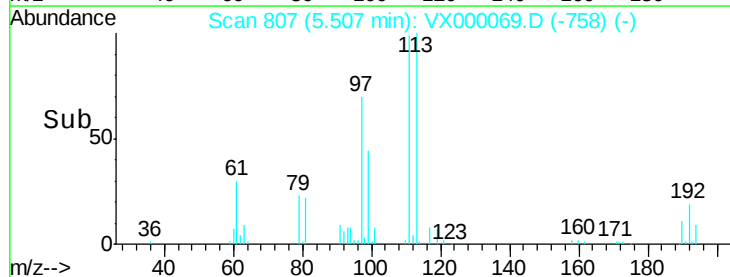
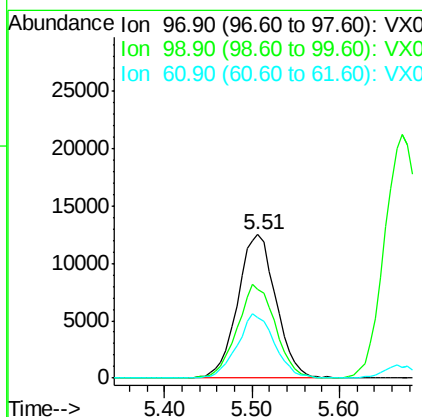
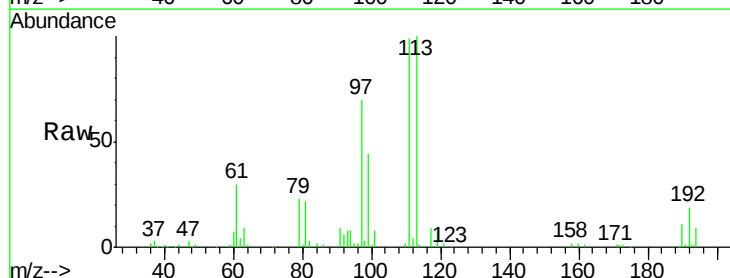
RT: 5.51 min Scan# 807

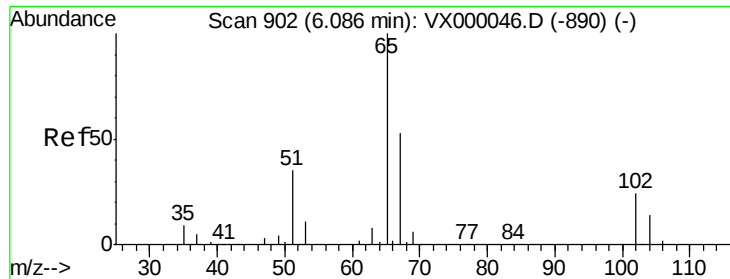
Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	97	Resp:	38024
Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.8	76.2
61	43.3	32.1	48.1





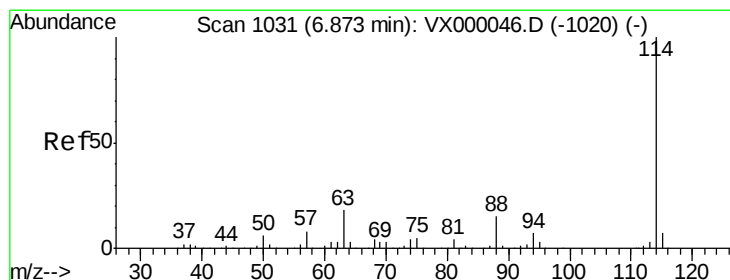
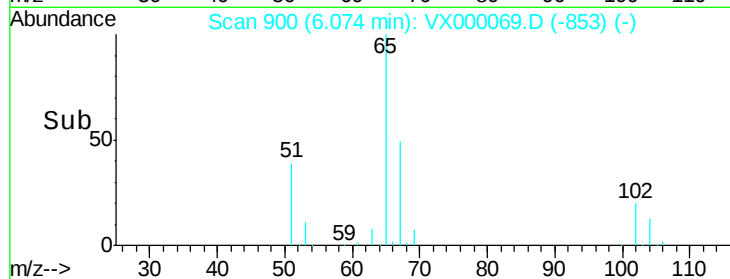
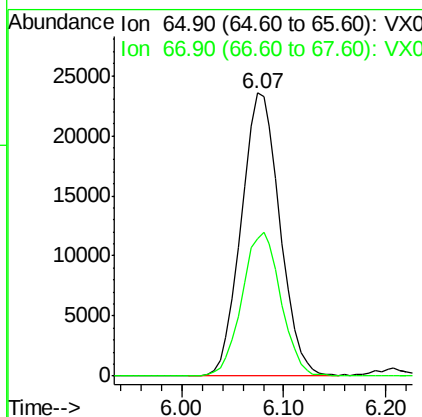
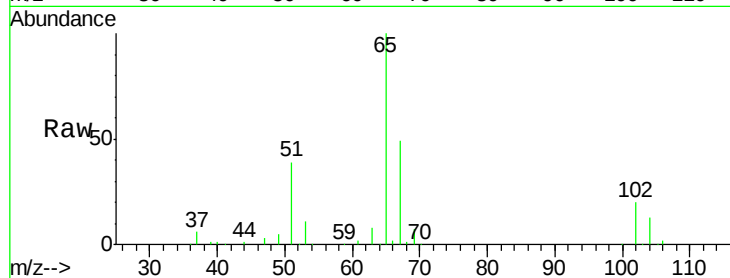
#33
 1,2-Dichloroethane-d4
 Concen: 52.66 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampleId :
 VX0212WBS01

Tot Ion: 65 Resp: 61853
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0

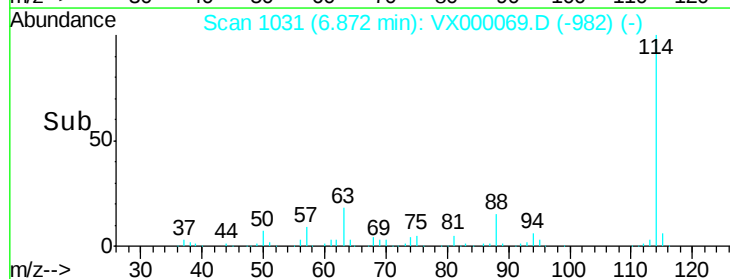
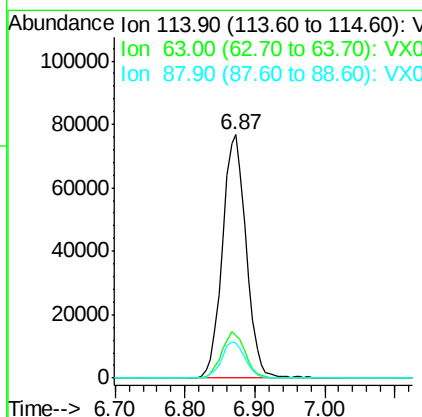
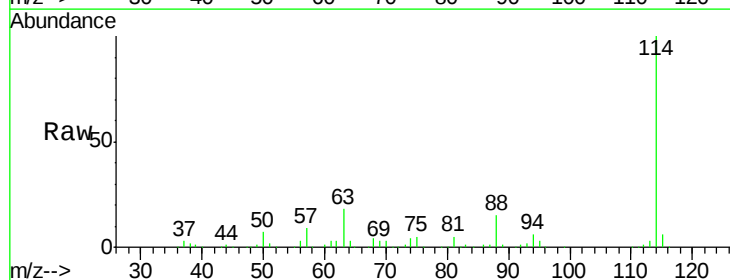
Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion: 114 Resp: 180685
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.0
 88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.17 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

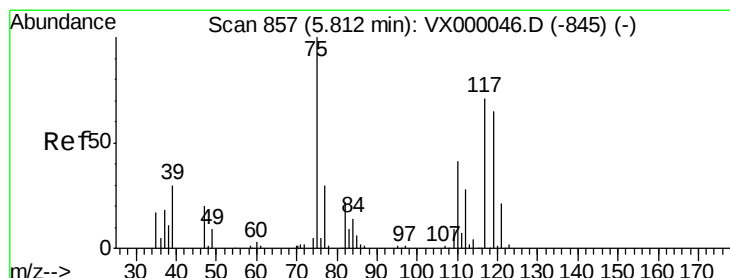
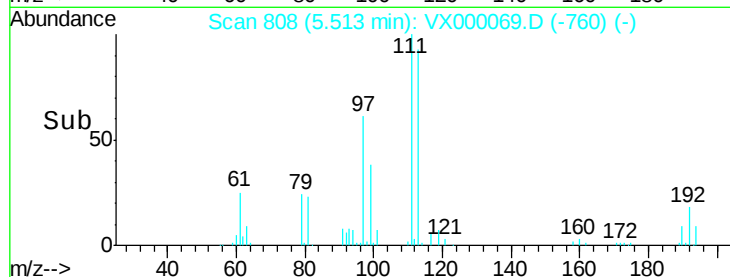
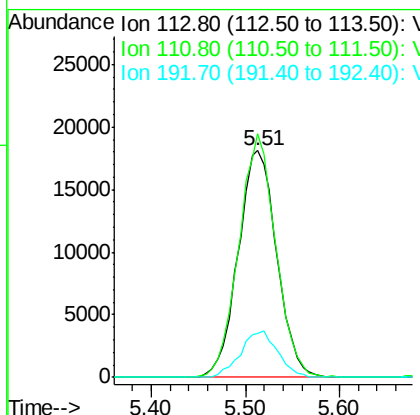
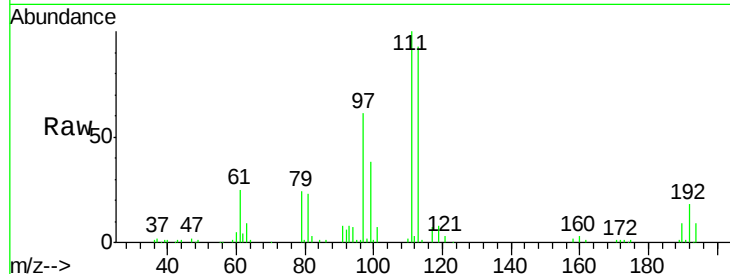
ClientSampleId :

VX0212WBS01

Tot Ion:	113	Resp:	51876
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	19.7	16.9	25.3

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#36

1,1-Dichloropropene

Concen: 20.12 ug/l

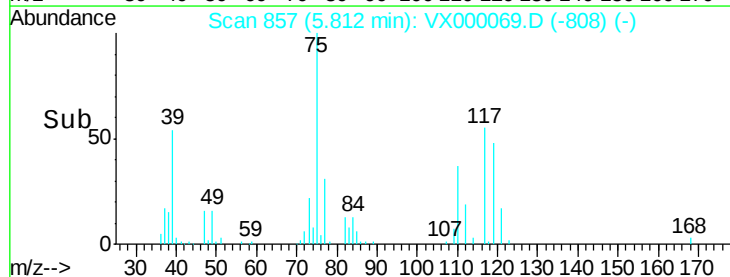
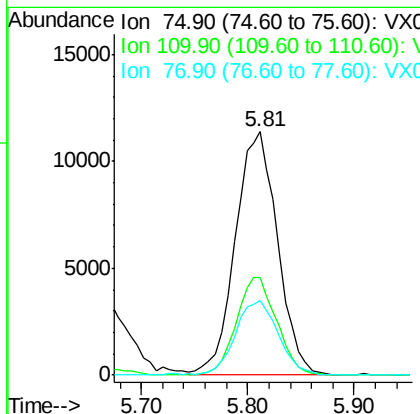
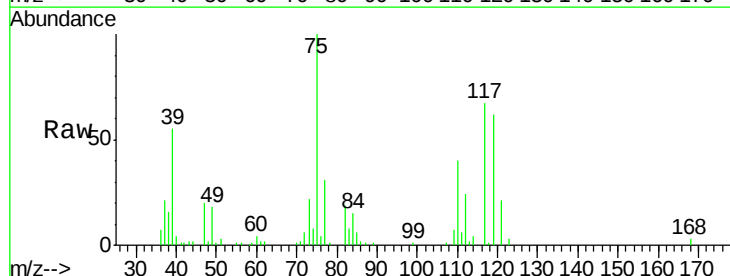
RT: 5.81 min Scan# 857

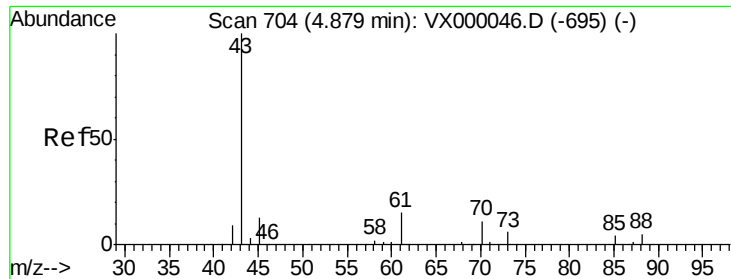
Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	75	Resp:	31658
Ion	Ratio	Lower	Upper
75	100		
110	38.2	19.4	58.4
77	31.0	24.2	36.4





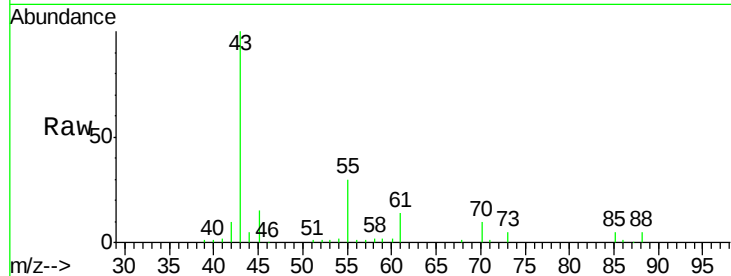
#37
Ethyl Acetate
Concen: 20.96 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
Client Sampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.4	17.2
70	10.1	9.0	13.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM

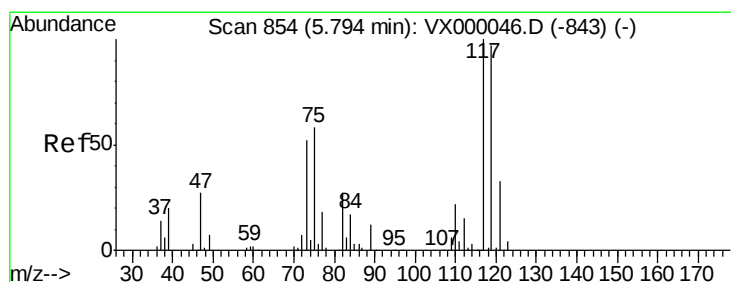
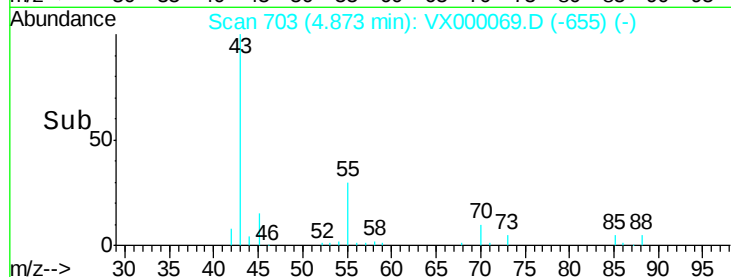
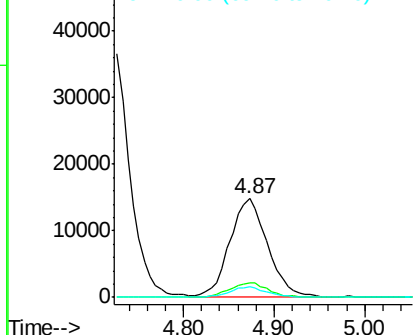


Abundance

Ion 43.00 (42.70 to 43.70): VX000046.D (-695) (-)

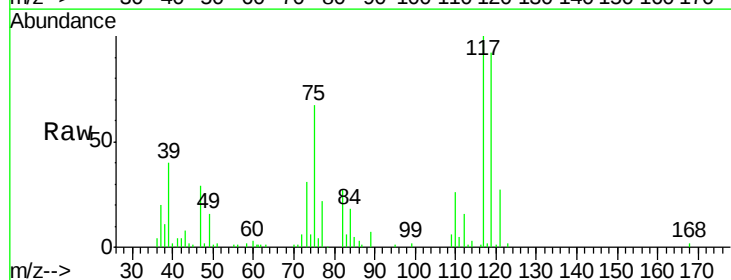
Ion 60.90 (60.60 to 61.60): VX000046.D (-695) (-)

Ion 70.00 (69.70 to 70.70): VX000046.D (-695) (-)



#38
Carbon Tetrachloride
Concen: 19.96 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.9	115.3
121	26.8	25.8	38.8

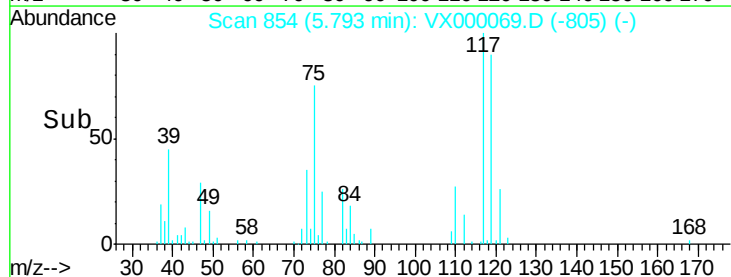
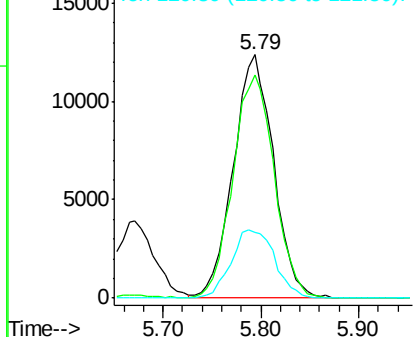


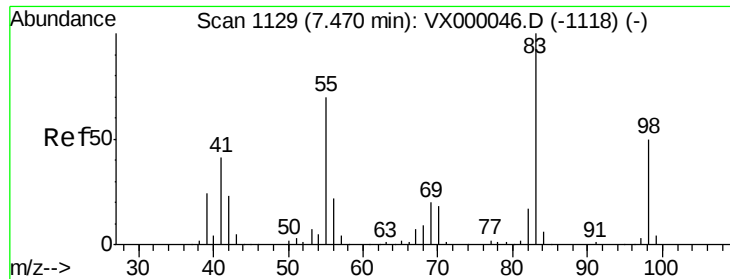
Abundance

Ion 116.80 (116.50 to 117.50): VX000046.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000046.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000046.D (-843) (-)





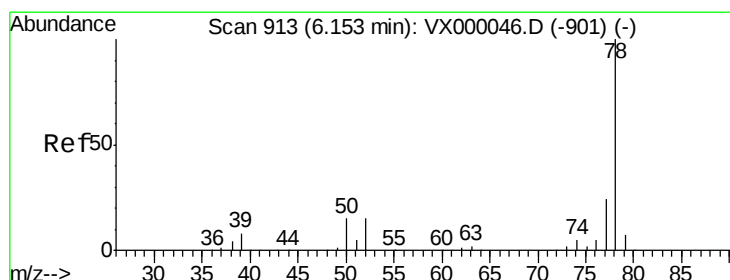
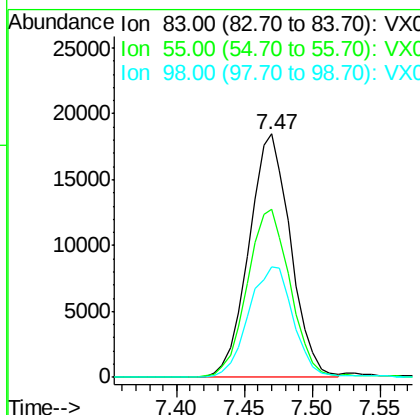
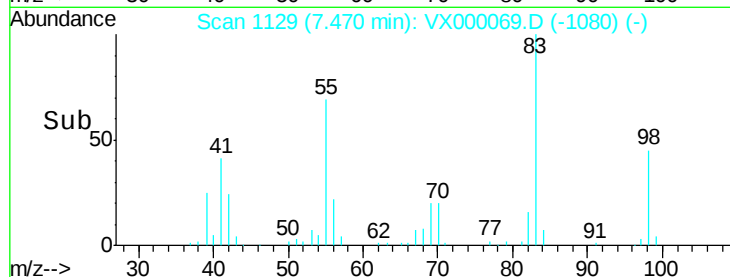
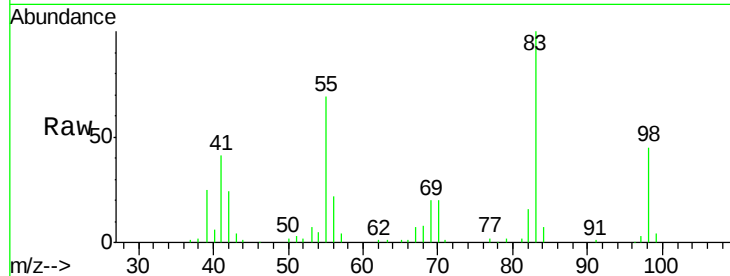
#39
Methvlcvclohexane
Concen: 20.76 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	55.7	83.5
98	45.4	39.7	59.5

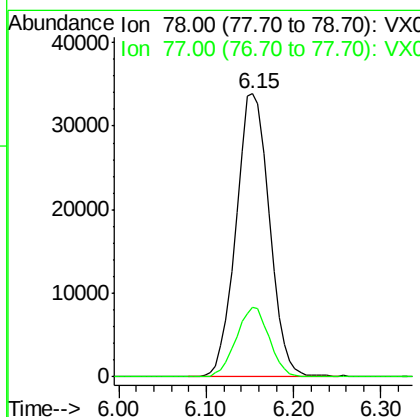
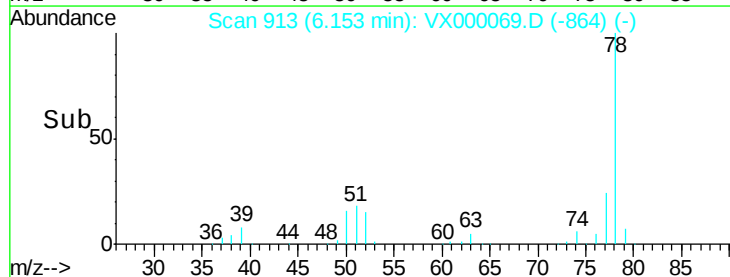
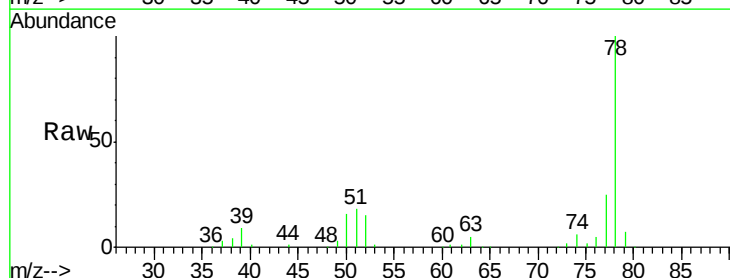
Manual Integrations
APPROVED

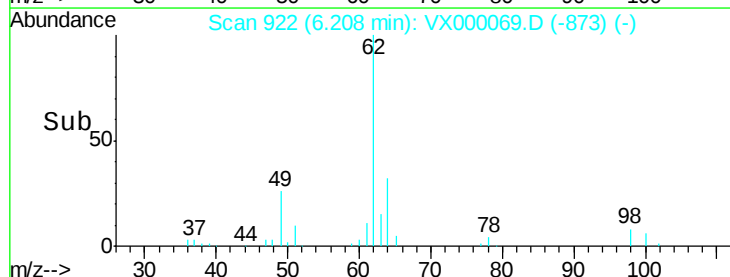
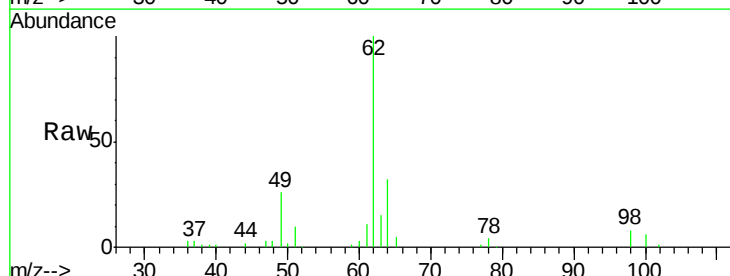
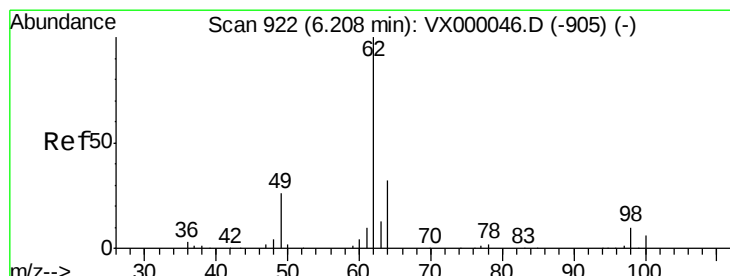
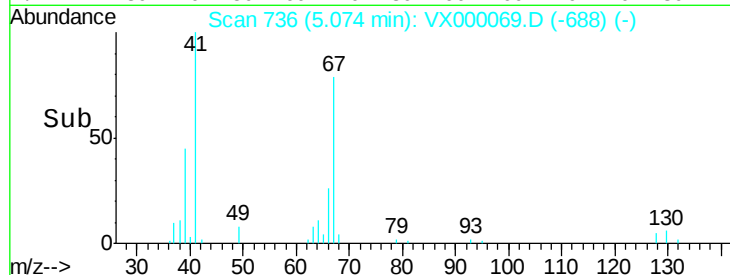
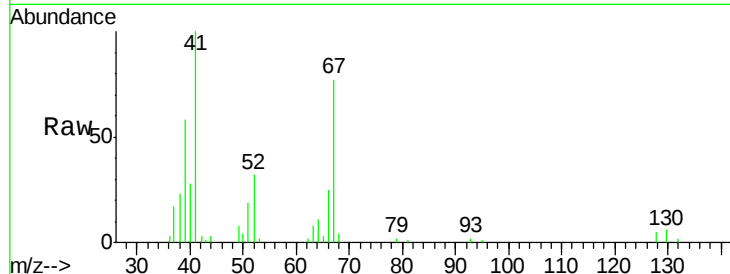
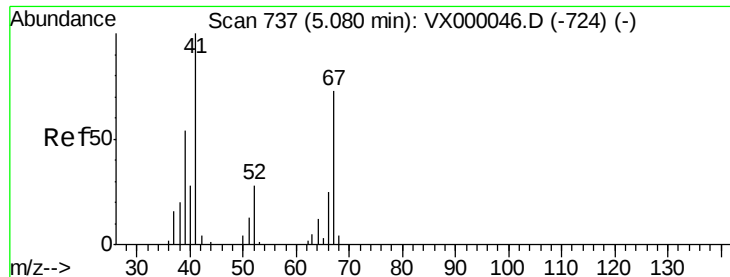
MMDadoda
2/15/2018 6:05:17 PM



#40
Benzene
Concen: 20.27 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

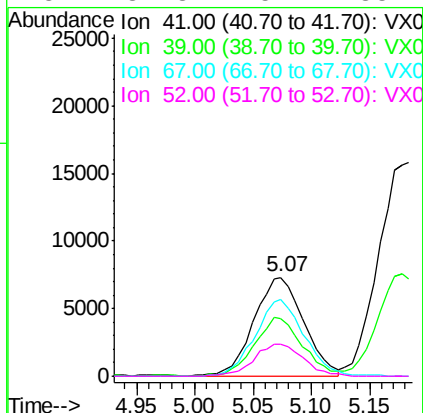
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.2





#41
Methacrylonitrile
Concen: 20.83 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tot Ion	Ratio	Resp	Lower	Upper
41	100	21737		
39	57.1		45.8	68.8
67	76.5		60.6	91.0
52	32.3		25.4	38.2



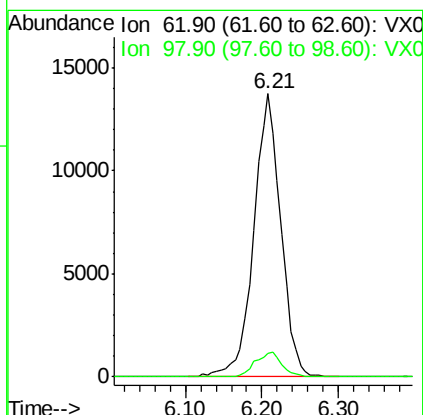
Instrument :
ClientSampleId :
VX0212WBS01

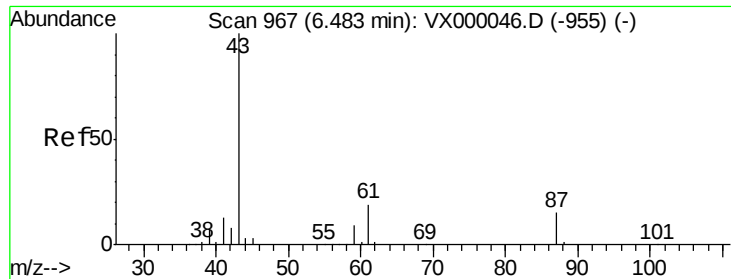
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM

#42
1,2-Dichloroethane
Concen: 21.29 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
62	100	33817		
98	8.5		0.0	18.6





#43

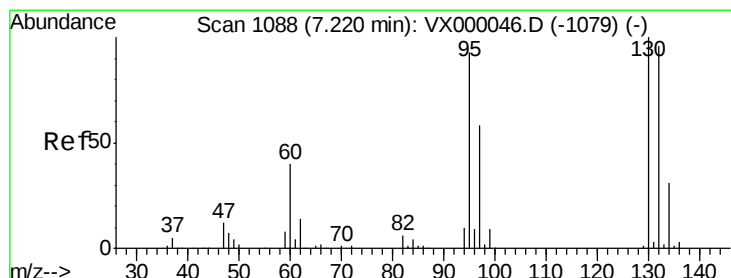
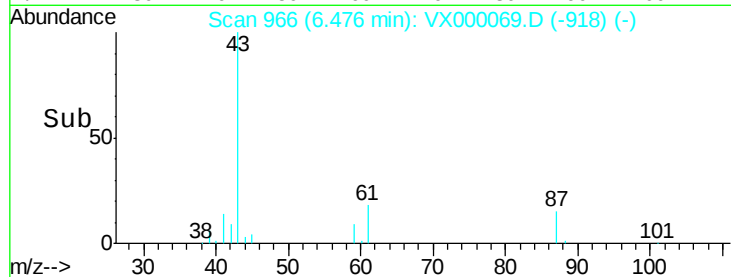
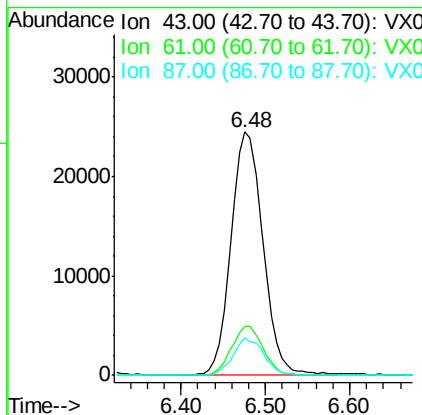
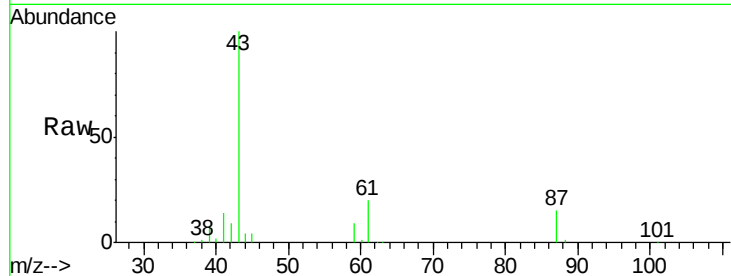
Isopropyl Acetate
 Concen: 20.59 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampleId :
 VX0212WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.9	23.9
87	14.5	11.8	17.6

Manual Integrations
 APPROVED

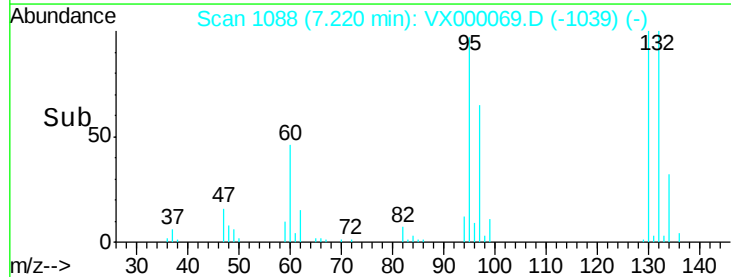
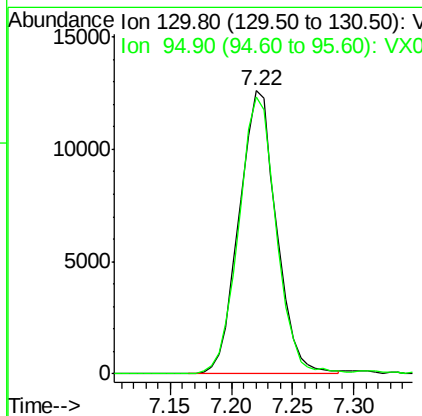
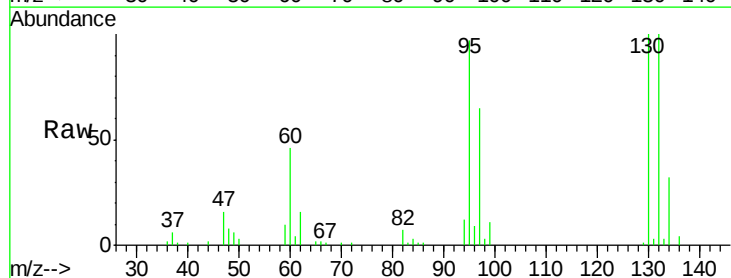
MMDadoda
 2/15/2018 6:05:17 PM

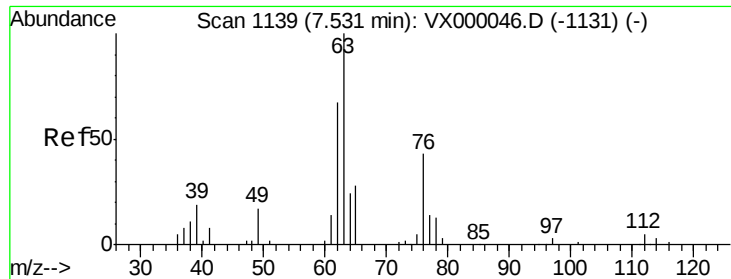


#44

Trichloroethene
 Concen: 19.45 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	185.2





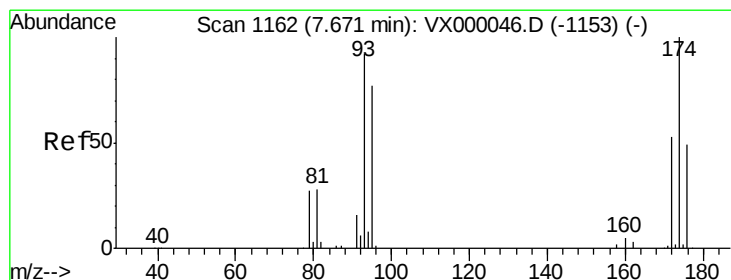
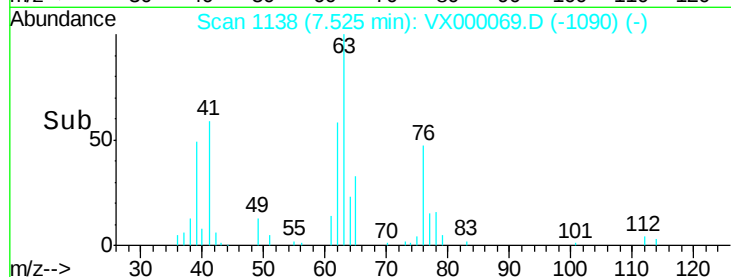
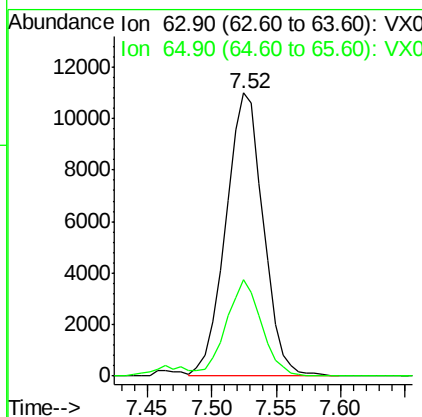
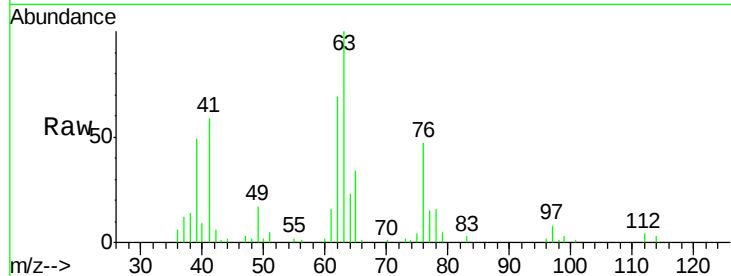
#45
1,2-Dichloropropane
Concen: 20.61 ug/l
RT: 7.52 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion: 63 Resp: 22279
Ion Ratio Lower Upper
63 100
65 34.0 23.7 35.5

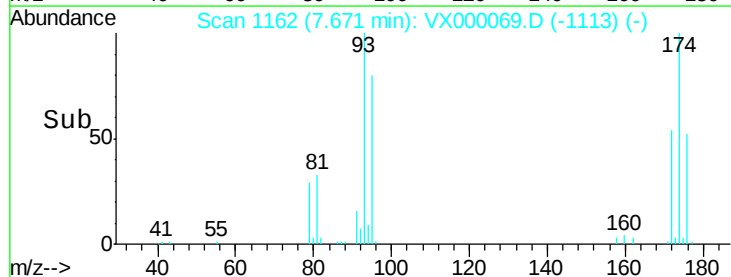
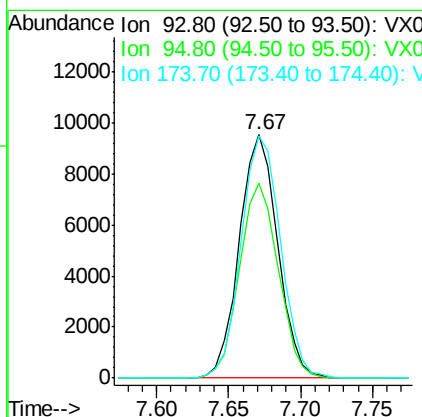
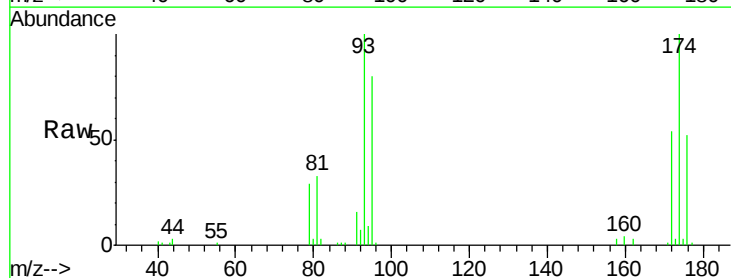
Manual Integrations
APPROVED

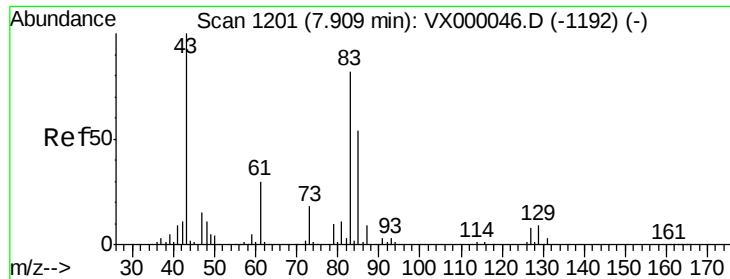
MMDadoda
2/15/2018 6:05:17 PM



#46
Dibromomethane
Concen: 21.09 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion: 93 Resp: 17600
Ion Ratio Lower Upper
93 100
95 81.4 66.3 99.5
174 102.4 90.4 135.6





#47

Bromodichloromethane

Concen: 20.10 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

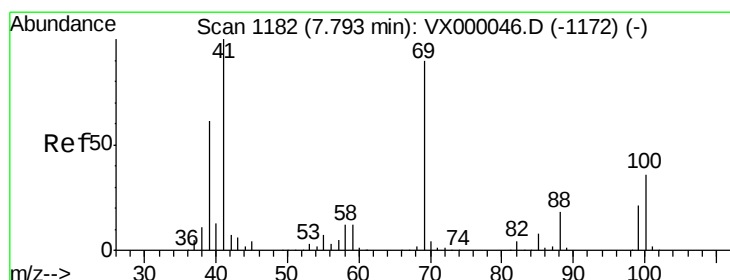
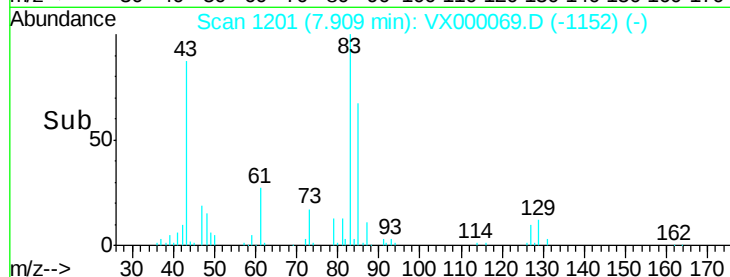
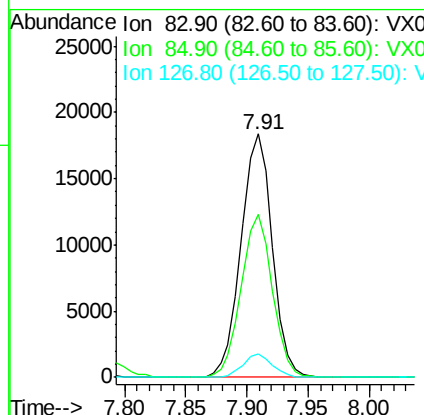
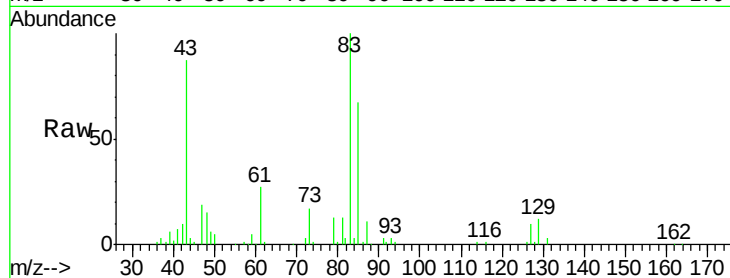
ClientSampleId :

VX0212WBS01

Tot Ion:	83	Resp:	32610
Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.3	78.5
127	9.6	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#48

Methyl methacrylate

Concen: 20.72 ug/l

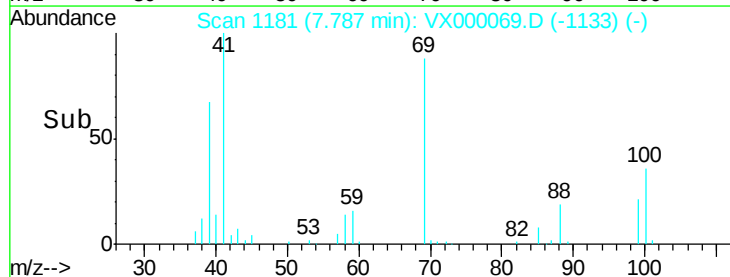
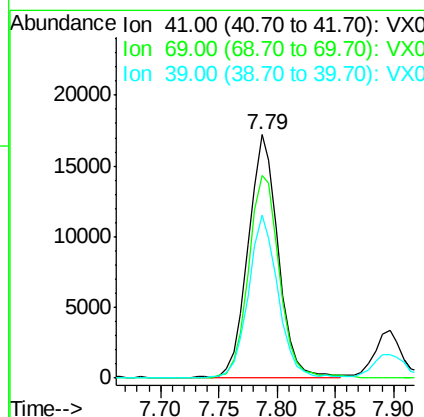
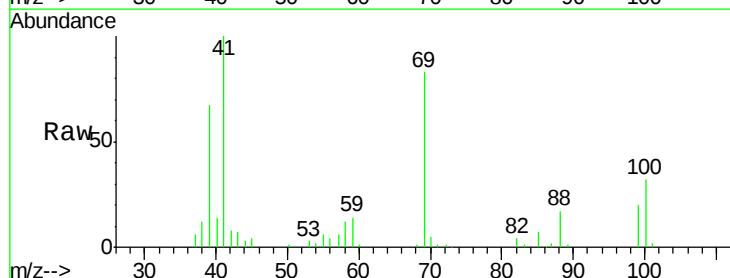
RT: 7.79 min Scan# 1181

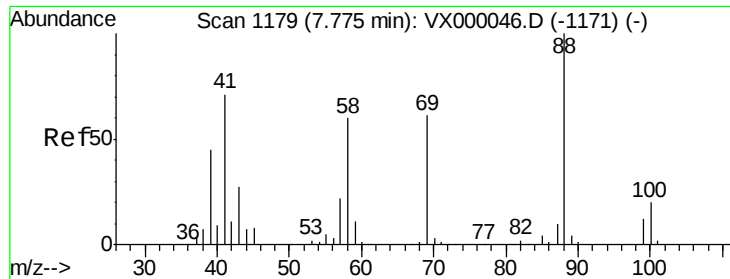
Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	41	Resp:	31152
Ion	Ratio	Lower	Upper
41	100		
69	85.4	72.1	108.1
39	65.8	49.6	74.4





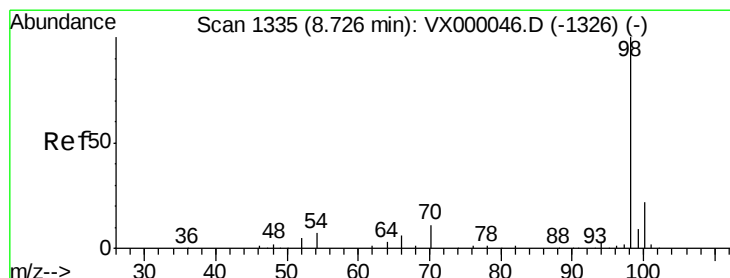
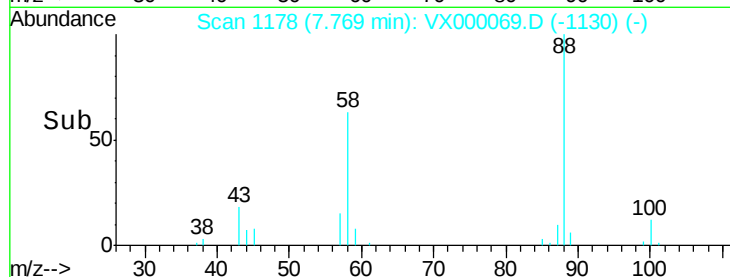
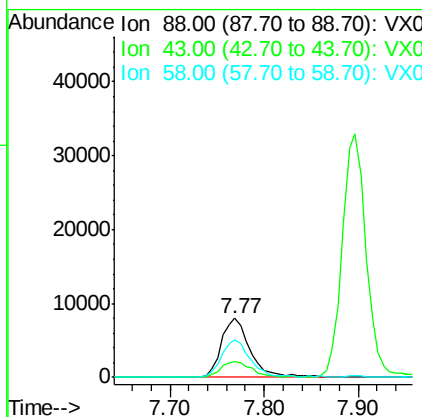
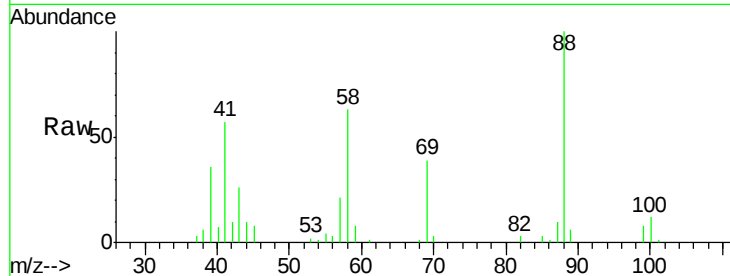
#49
1,4-Dioxane
Concen: 429.09 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	22.6	33.8
58	62.5	49.4	74.2

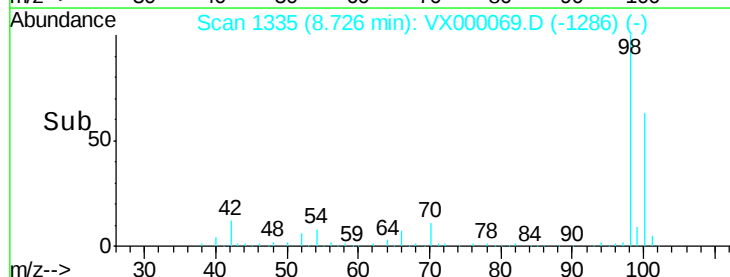
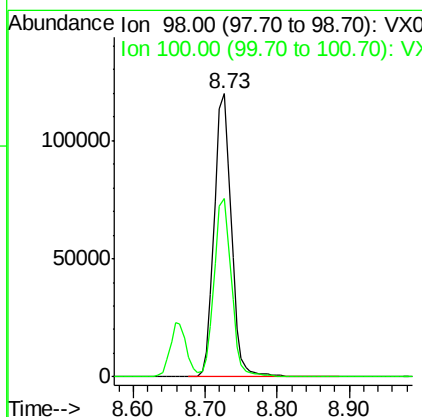
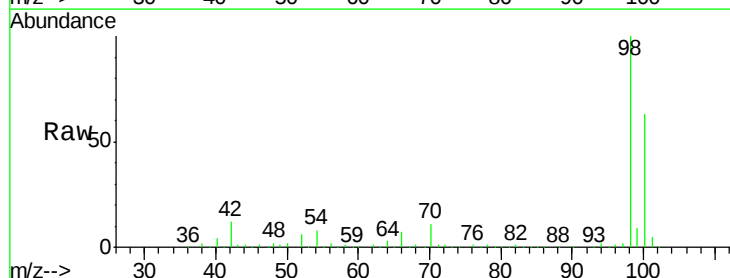
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#50
Toluene-d8
Concen: 50.32 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 110.04 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 43 Resp: 234861

Ion Ratio Lower Upper

43 100

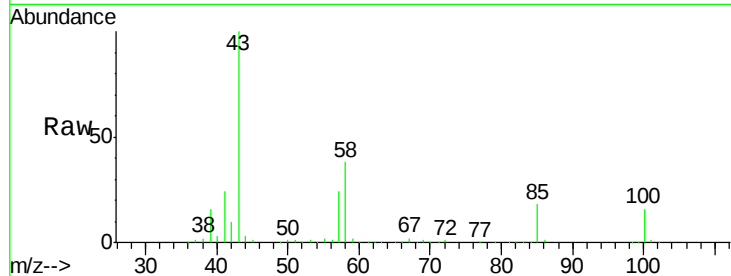
58 37.5 32.1 48.1

Manual Integrations

APPROVED

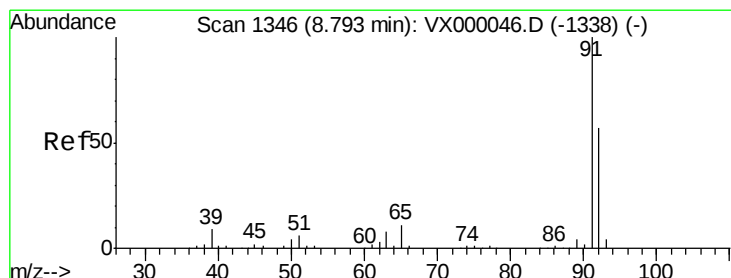
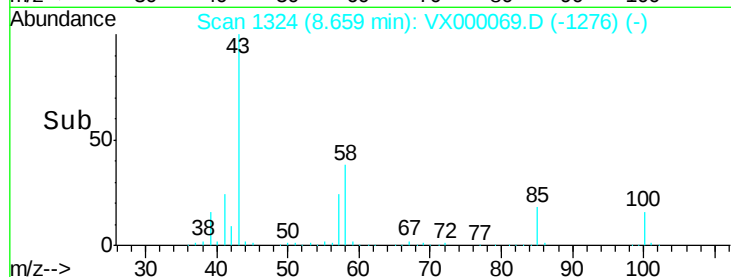
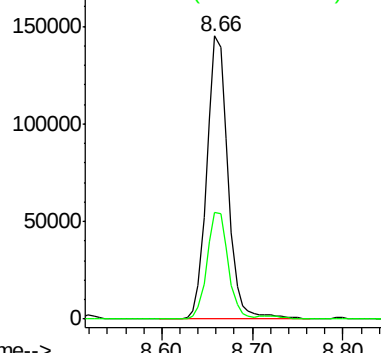
MM Dadoda

2/15/2018 6:05:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.61 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000069.D

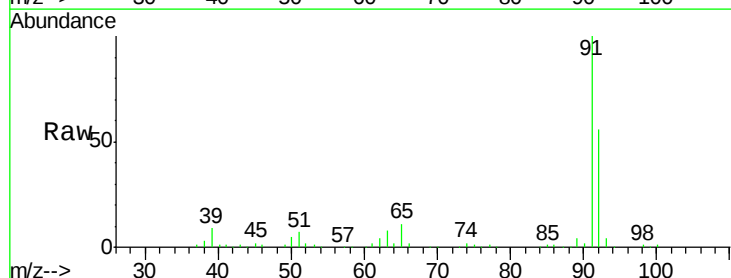
Acq: 12 Feb 2018 17:10

Tgt Ion: 92 Resp: 61555

Ion Ratio Lower Upper

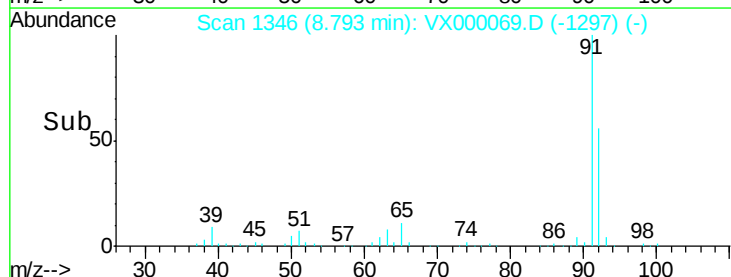
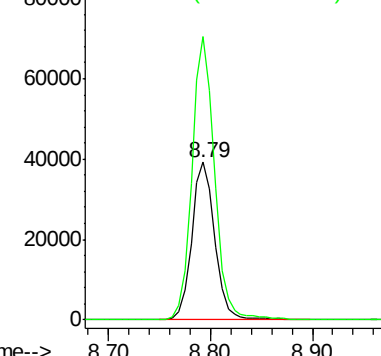
92 100

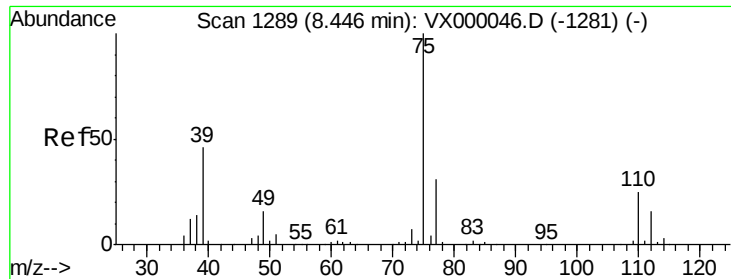
91 176.6 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





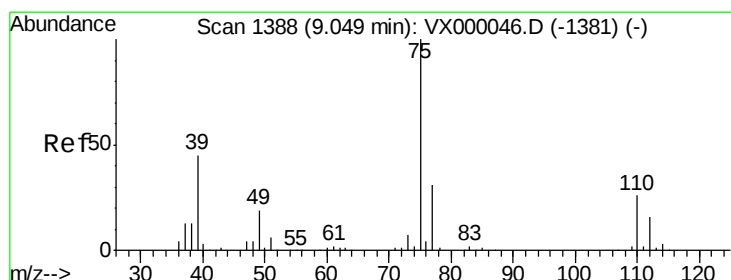
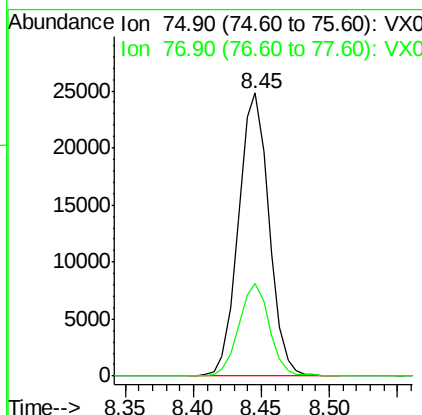
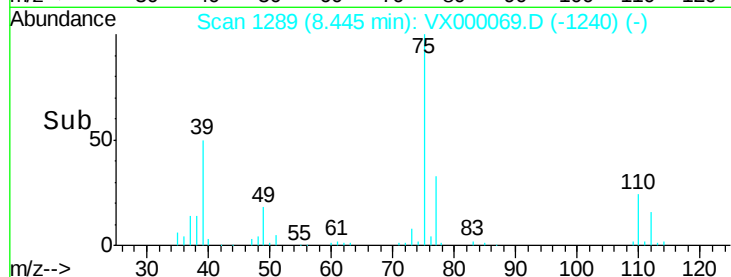
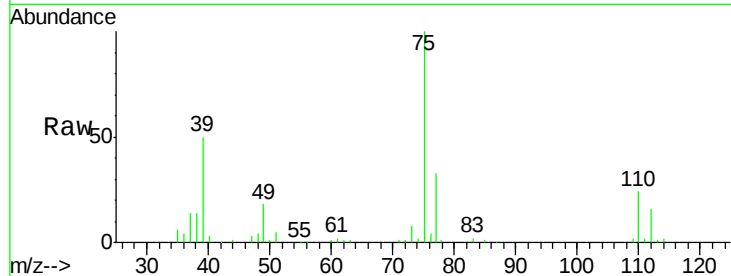
#53
t-1,3-Dichloropropene
Concen: 20.46 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion: 75 Resp: 38841
Ion Ratio Lower Upper
75 100
77 32.6 25.0 37.4

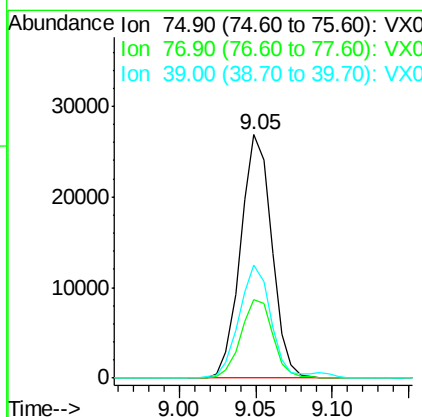
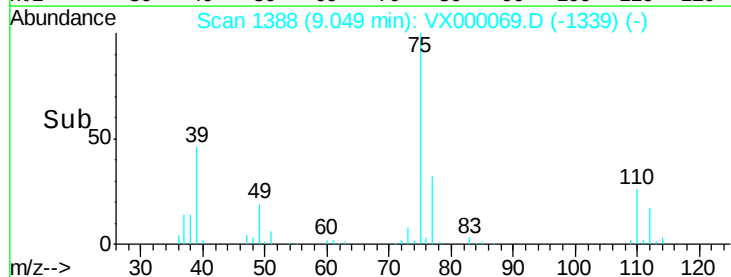
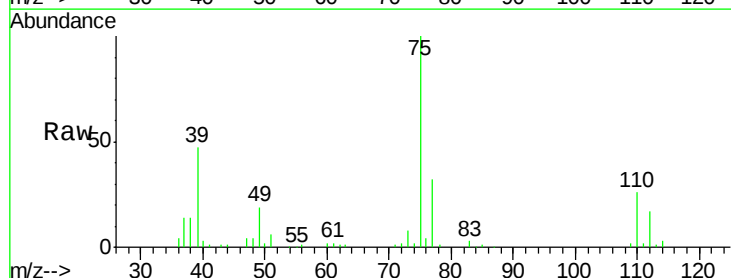
Manual Integrations
APPROVED

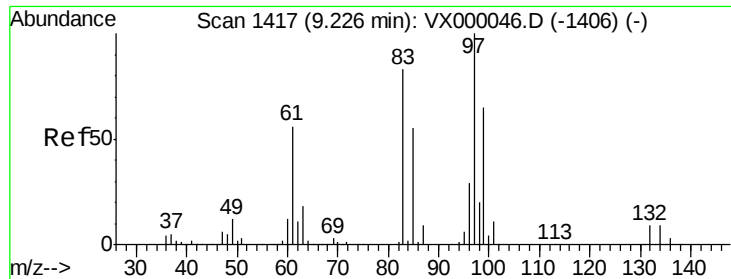
MMDadoda
2/15/2018 6:05:17 PM



#54
cis-1,3-Dichloropropene
Concen: 20.60 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion: 75 Resp: 37996
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
39 46.4 36.1 54.1





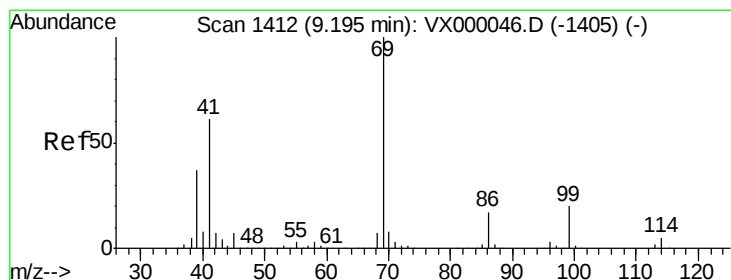
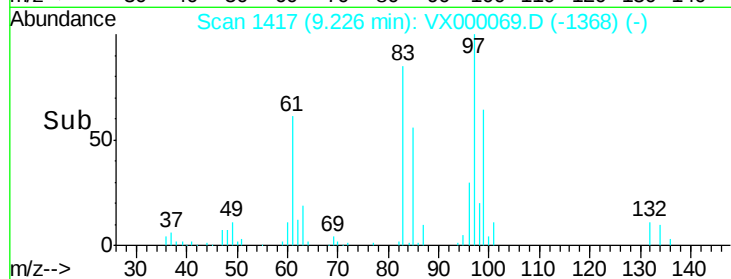
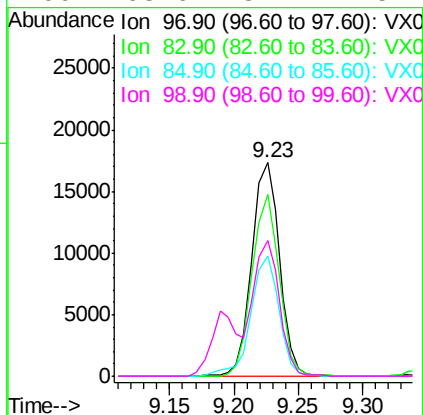
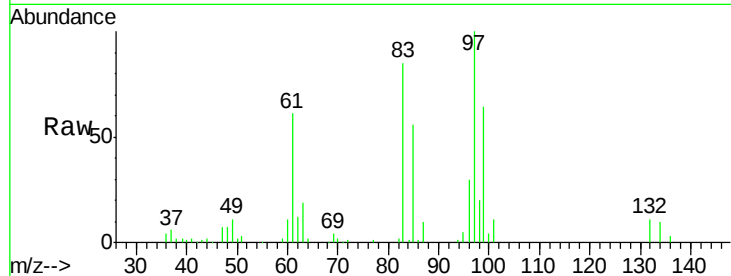
#55
 1,1,2-Trichloroethane
 Concen: 20.46 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampled :
 VX0212WBS01

Tot Ion:	97	Resp:	25631
Ion Ratio	Lower	Upper	
97	100		
83	84.9	66.5	99.7
85	56.4	43.8	65.6
99	63.6	52.2	78.4

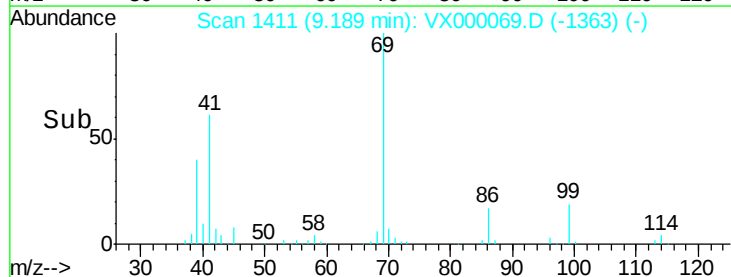
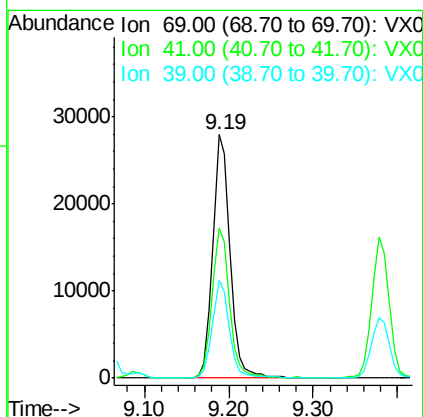
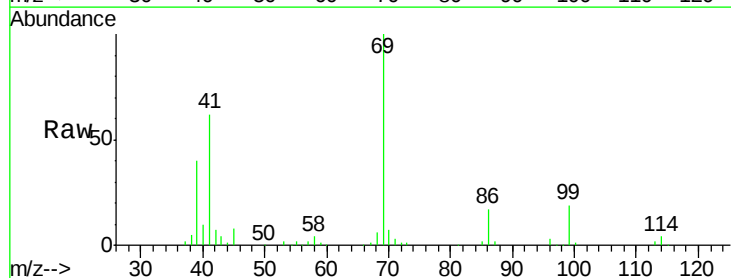
Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:17 PM



#56
 Ethyl methacrylate
 Concen: 20.88 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion:	69	Resp:	40129
Ion Ratio	Lower	Upper	
69	100		
41	62.2	49.5	74.3
39	40.1	29.9	44.9





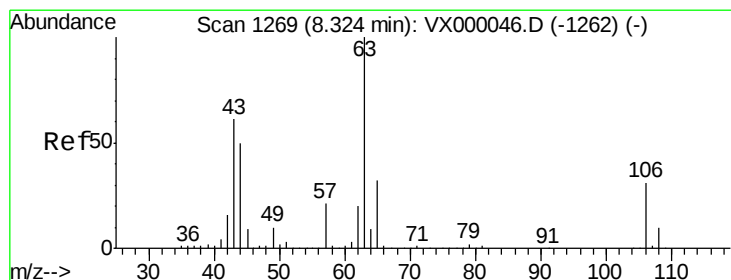
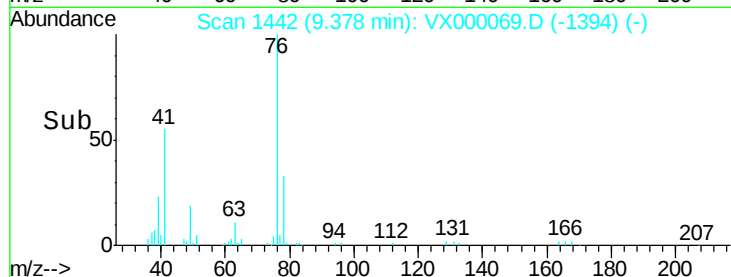
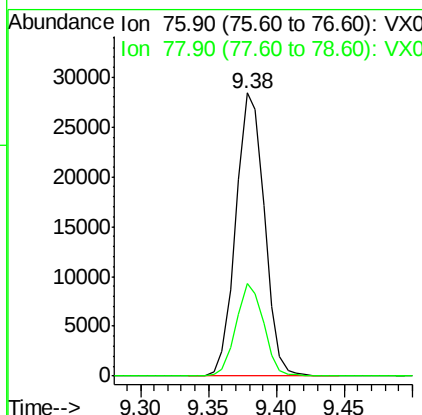
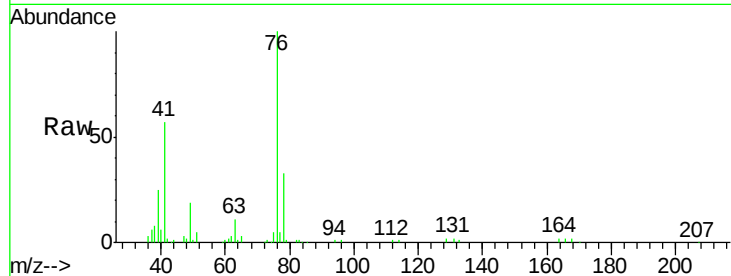
#57
 1,3-Dichloropropane
 Concen: 21.37 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampleId :
 VX0212WBS01

Tot Ion: 76 Resp: 41645
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9

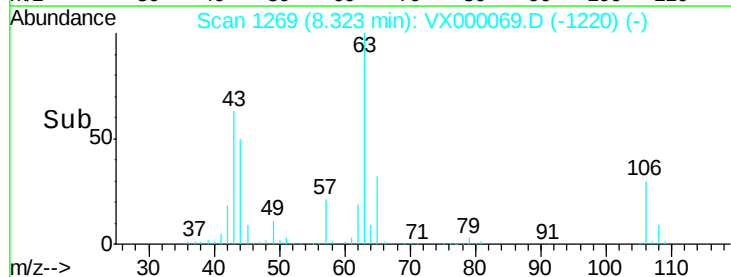
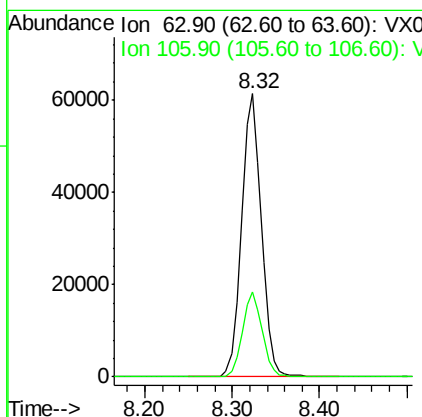
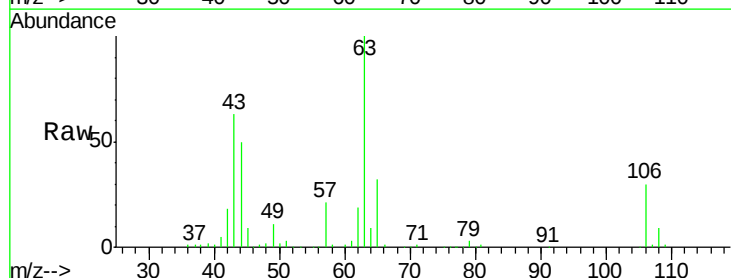
Manual Integrations
 APPROVED

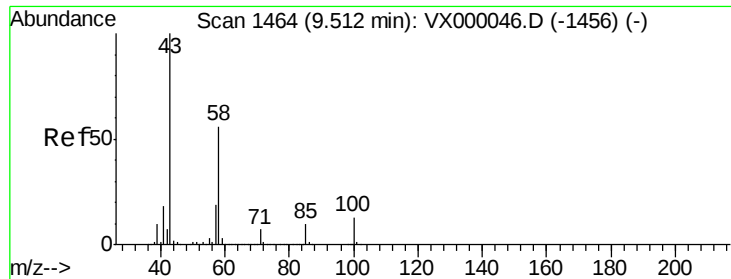
MMDadoda
 2/15/2018 6:05:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 101.94 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion: 63 Resp: 96744
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.7 37.1





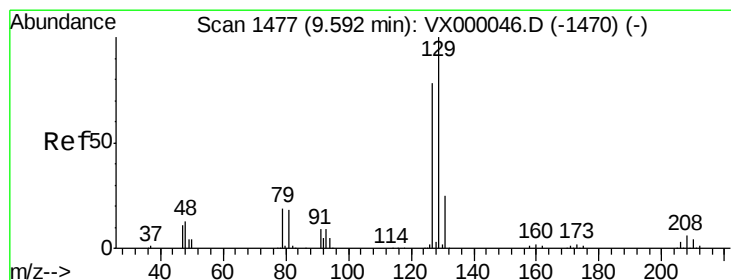
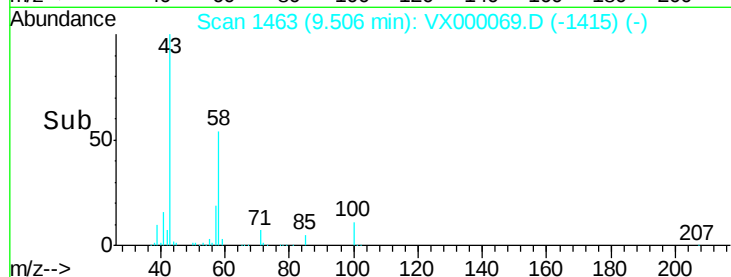
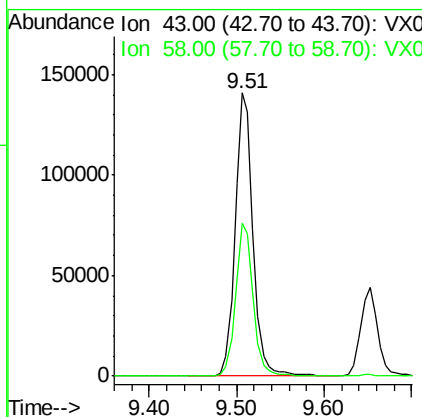
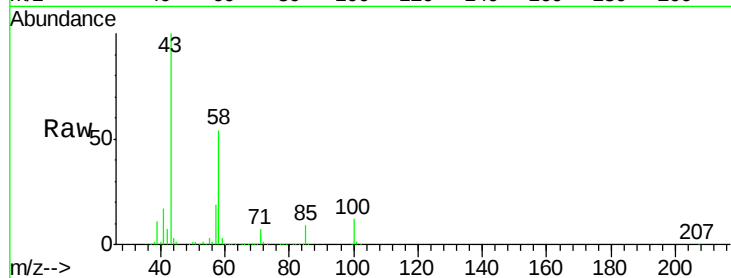
#59
2-Hexanone
Concen: 115.44 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion: 43 Resp: 200383
Ion Ratio Lower Upper
43 100
58 53.5 27.6 82.7

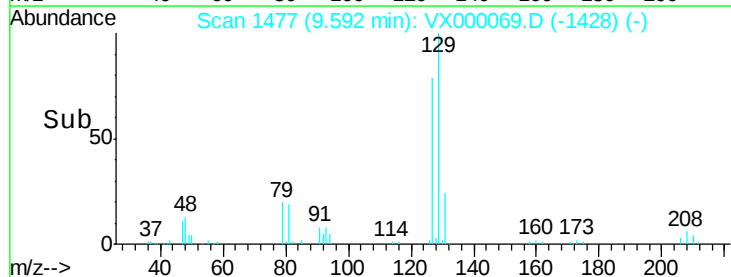
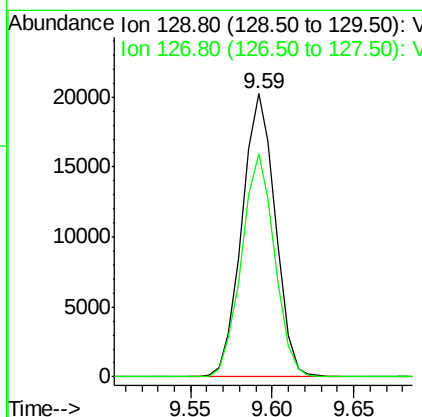
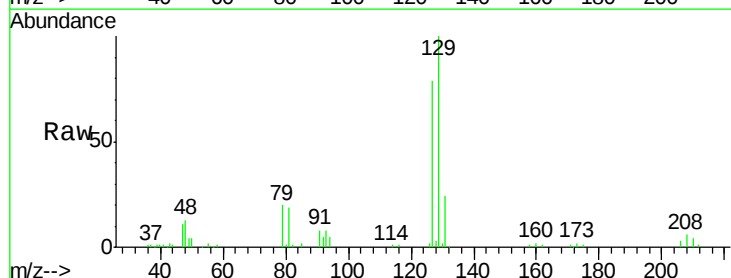
Manual Integrations
APPROVED

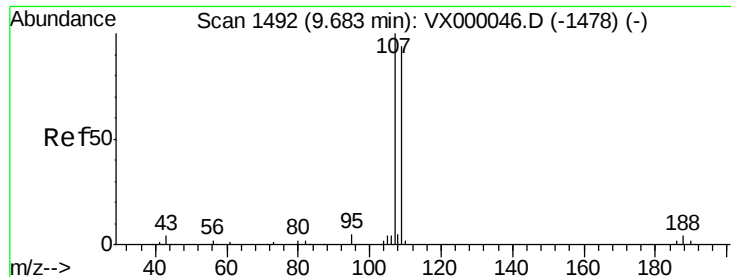
MMDadoda
2/15/2018 6:05:17 PM



#60
Dibromochloromethane
Concen: 20.03 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion:129 Resp: 28850
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.53 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampleId :

VX0212WBS01

Tot Ion:107 Resp: 28329

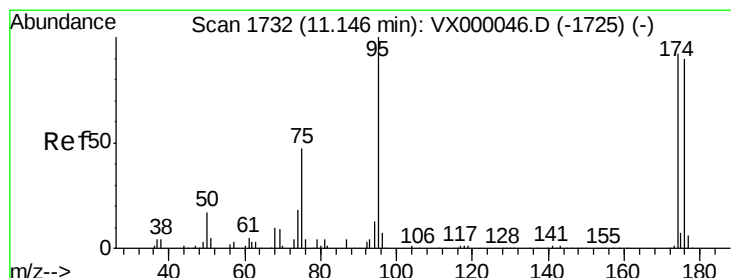
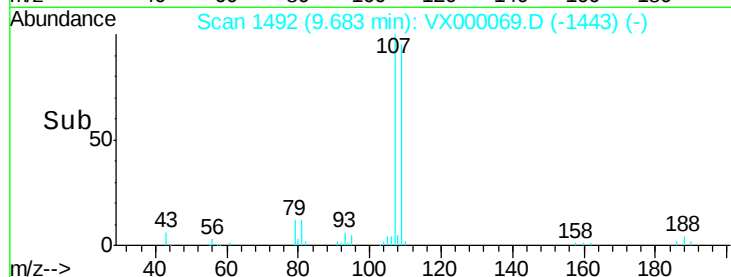
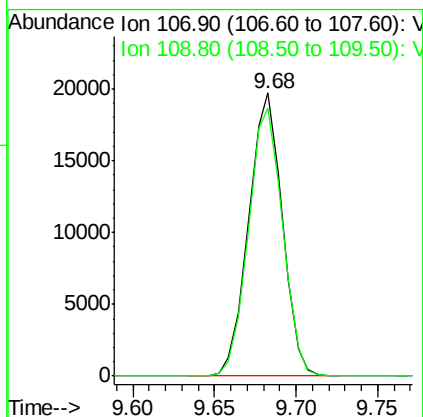
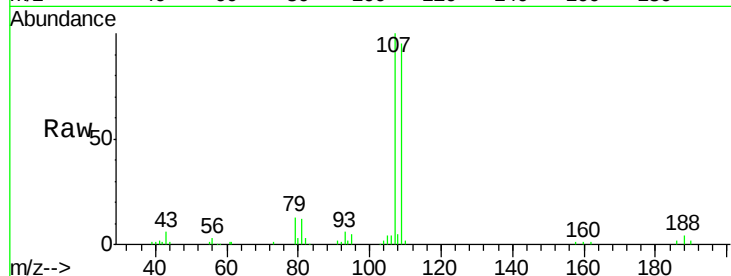
Ion Ratio Lower Upper

107 100

109 96.0 74.6 111.8

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#62

4-Bromofluorobenzene

Concen: 51.26 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

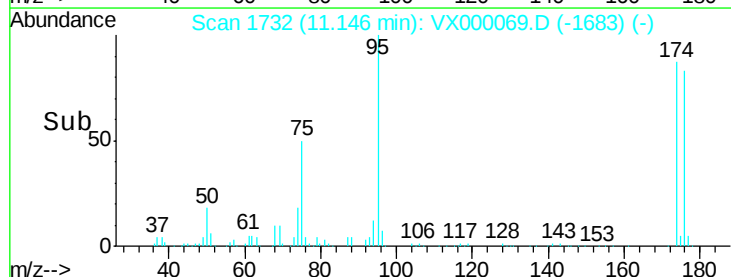
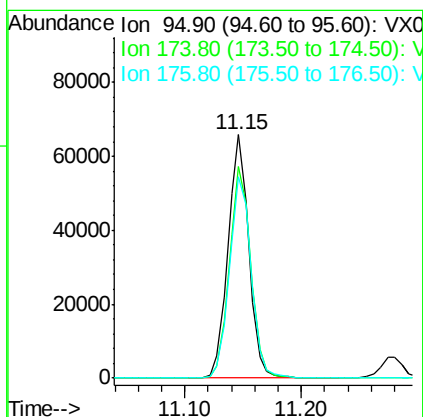
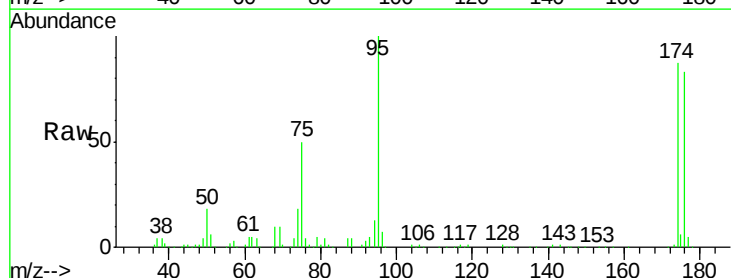
Tgt Ion: 95 Resp: 81848

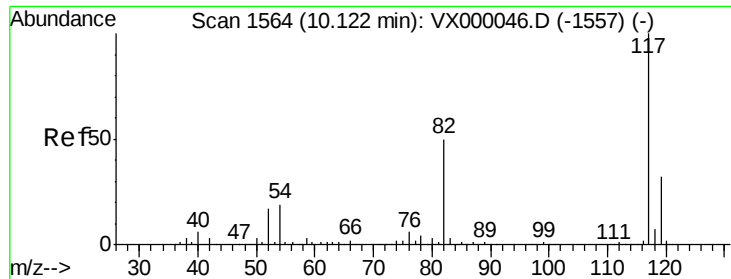
Ion Ratio Lower Upper

95 100

174 89.2 0.0 185.6

176 86.4 0.0 181.8





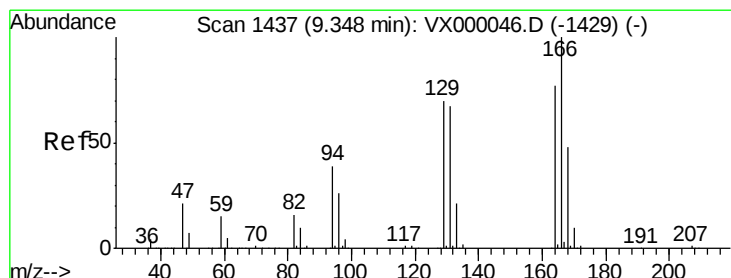
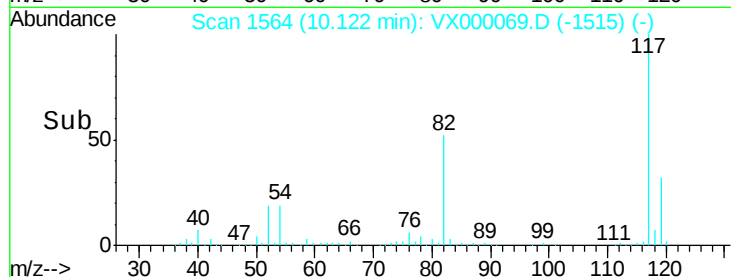
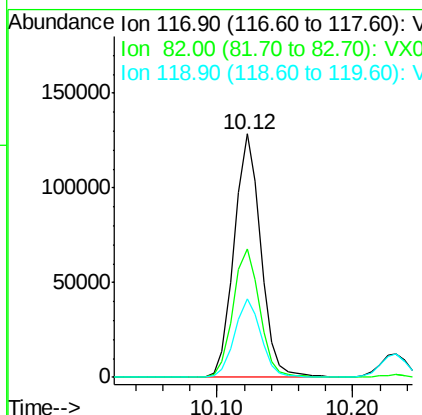
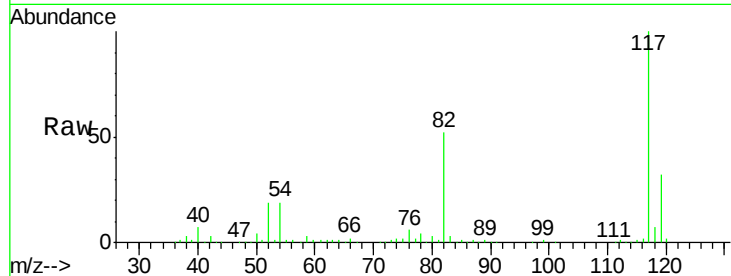
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.3	60.5
119	32.3	25.3	37.9

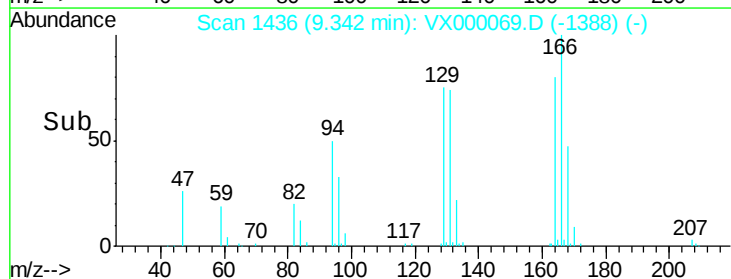
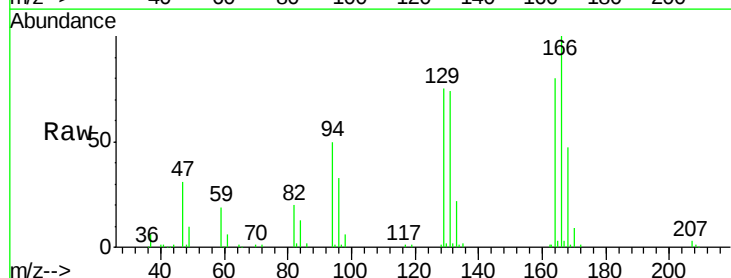
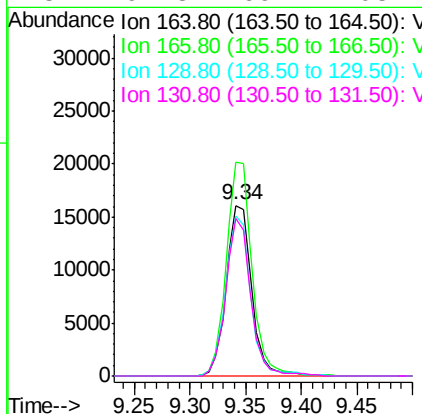
Manual Integrations
APPROVED

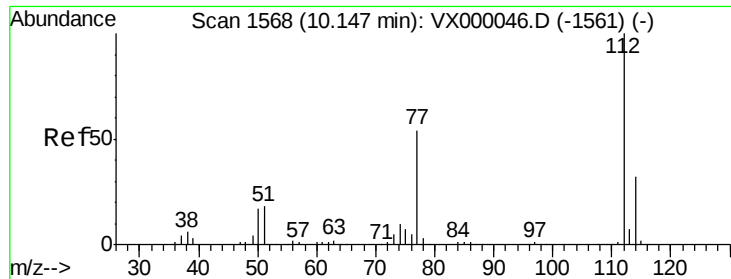
MMDadoda
2/15/2018 6:05:17 PM



#64
Tetrachloroethene
Concen: 19.48 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.01 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	103.7	155.5
129	93.8	72.2	108.4
131	92.8	69.1	103.7





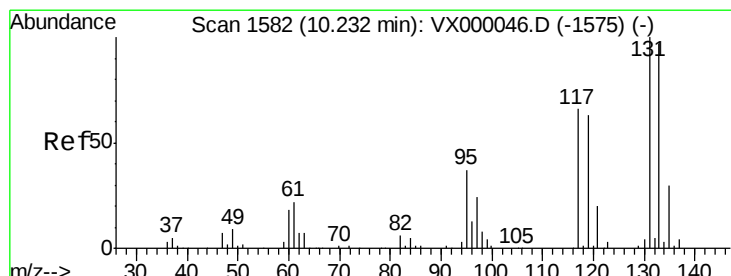
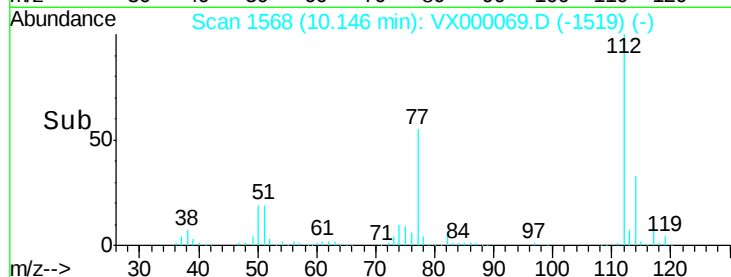
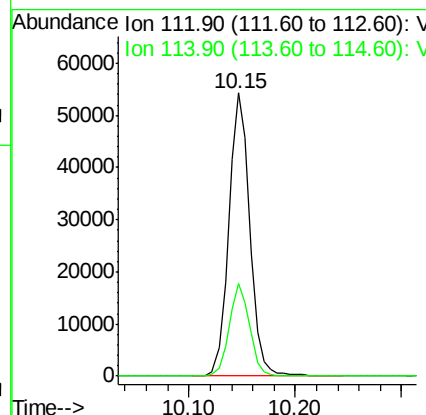
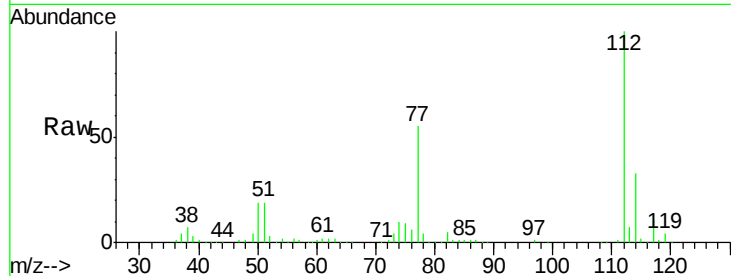
#65
Chlorobenzene
Concen: 20.54 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion:112 Resp: 74860
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4

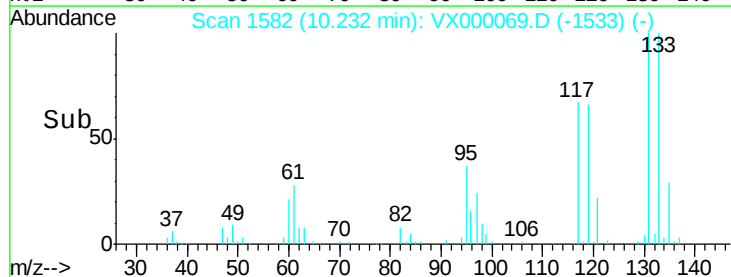
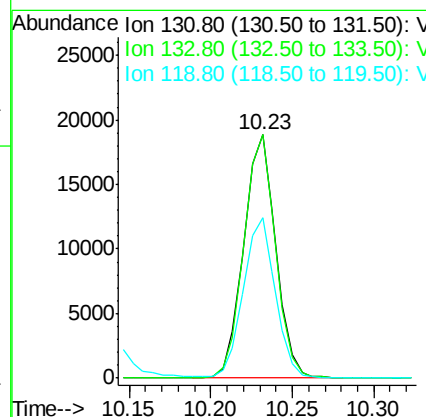
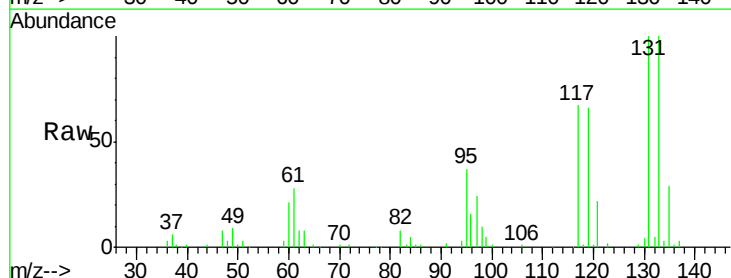
Manual Integrations
APPROVED

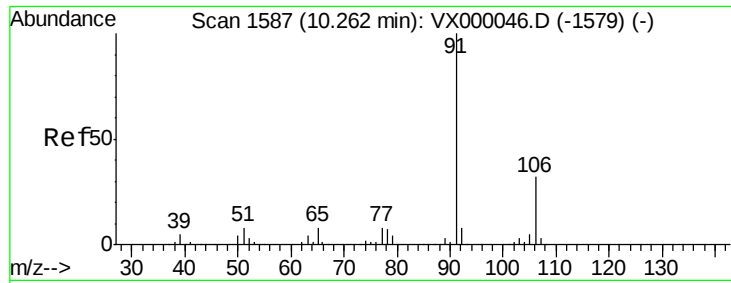
MMDadoda
2/15/2018 6:05:17 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.70 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion:131 Resp: 25812
Ion Ratio Lower Upper
131 100
133 98.5 47.6 142.9
119 66.2 31.7 95.1





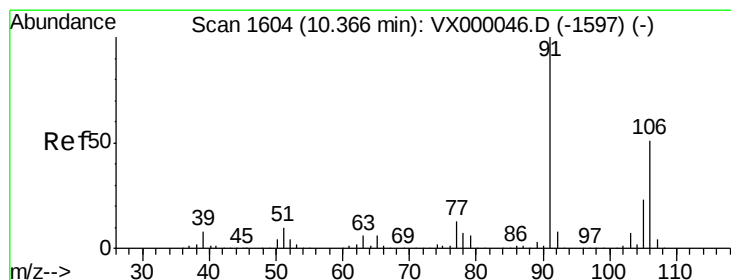
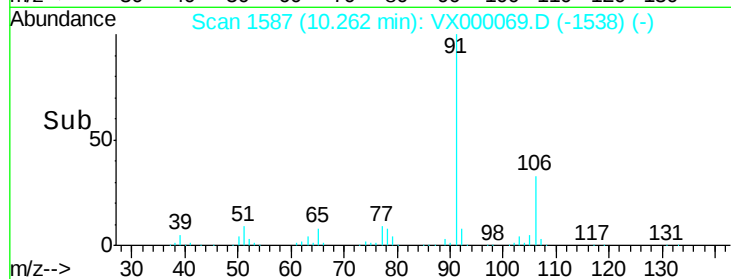
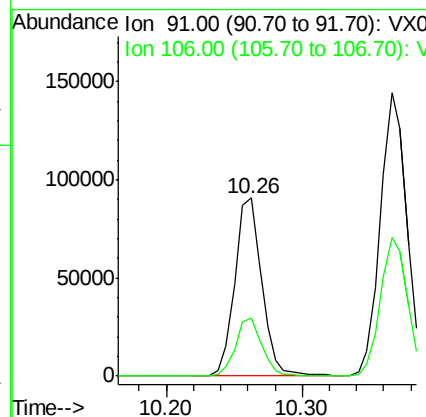
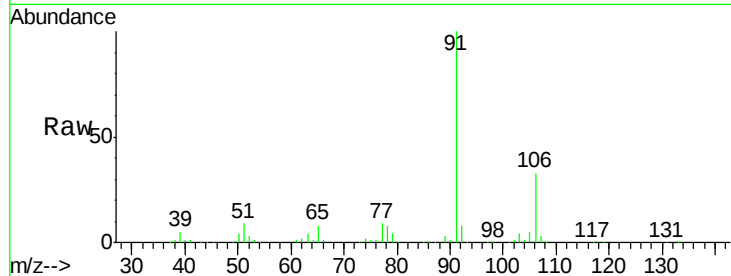
#67
Ethyl Benzene
Concen: 20.88 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
Client Sampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.6	25.9	38.9

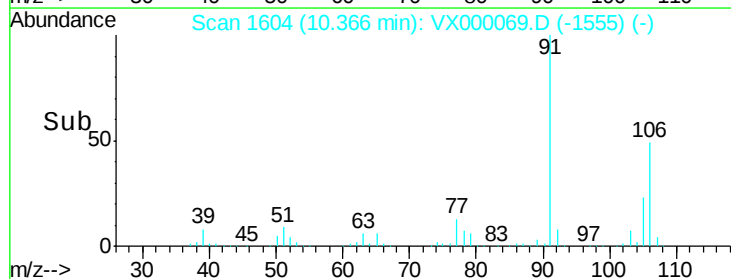
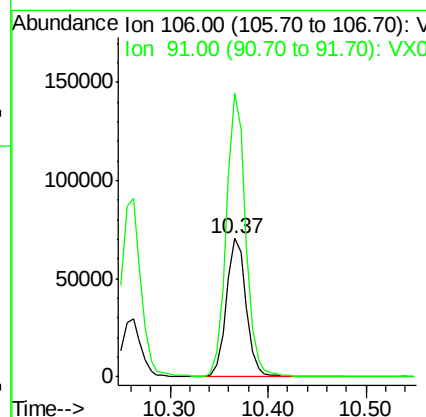
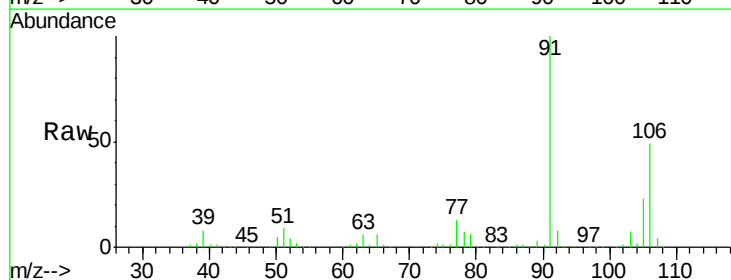
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#68
m/p-Xylenes
Concen: 41.18 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.2	158.3	237.5





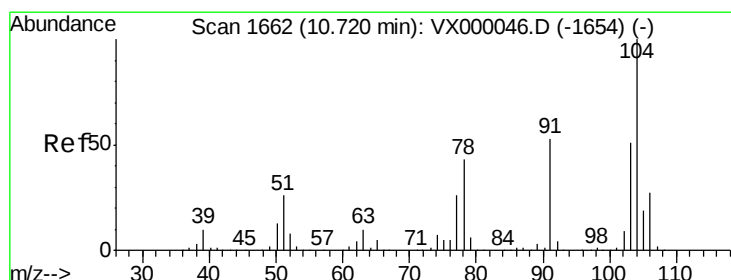
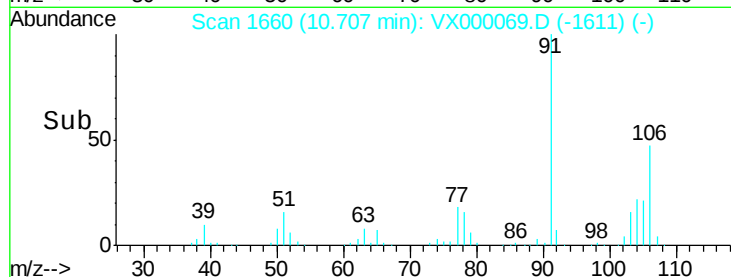
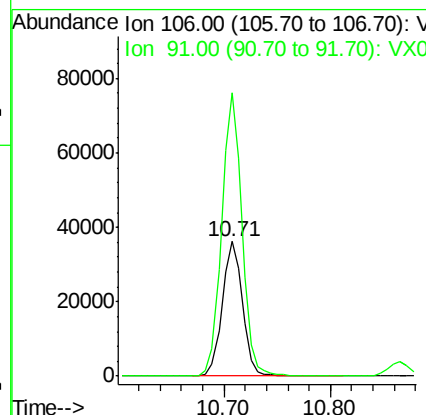
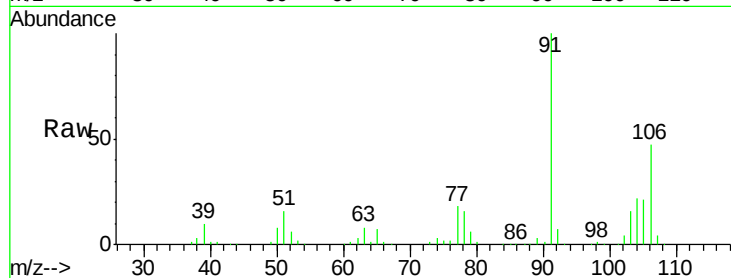
#69
o-Xylene
Concen: 20.55 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion:106 Resp: 47719
Ion Ratio Lower Upper
106 100
91 211.0 104.0 312.0

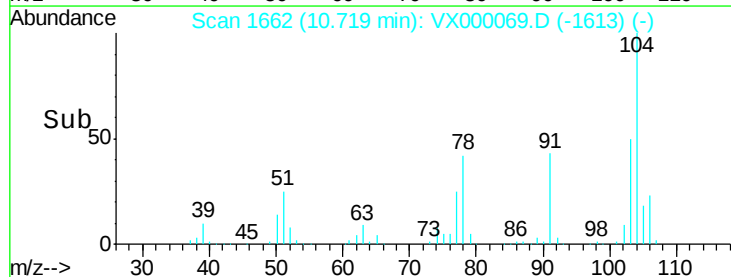
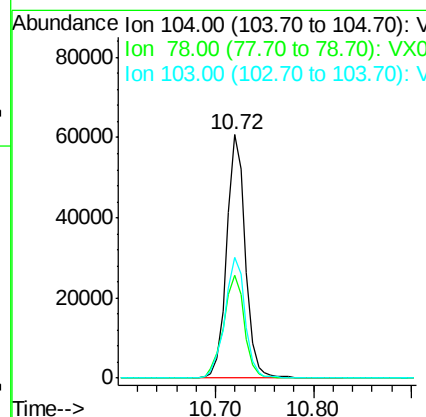
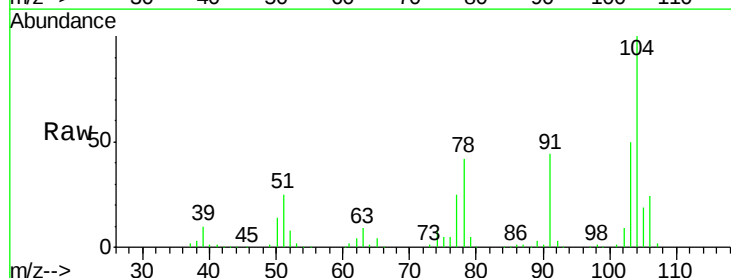
Manual Integrations
APPROVED

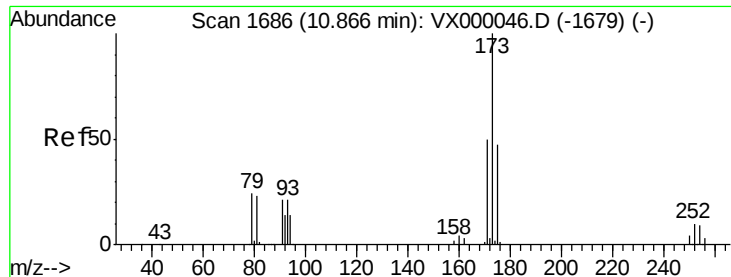
MMDadoda
2/15/2018 6:05:17 PM



#70
Styrene
Concen: 20.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion:104 Resp: 80116
Ion Ratio Lower Upper
104 100
78 47.9 37.7 56.5
103 54.4 44.0 66.0





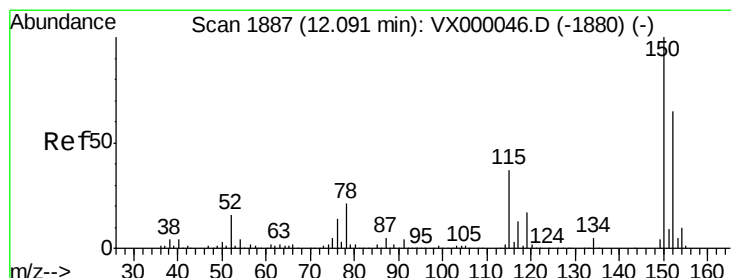
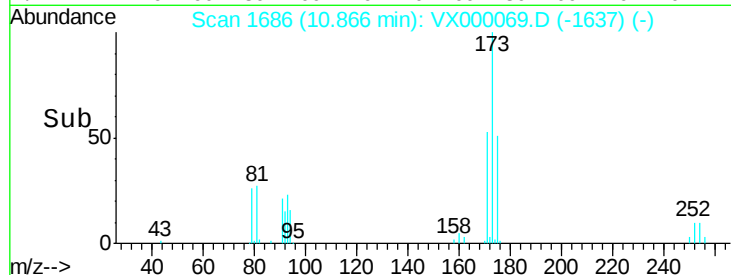
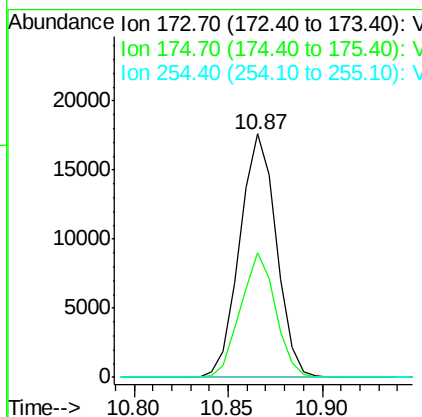
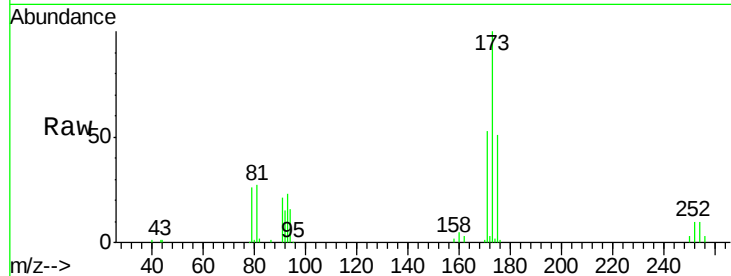
#71
Bromoform
Concen: 19.11 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampleId :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.9	71.8
254	0.0	0.1	0.1

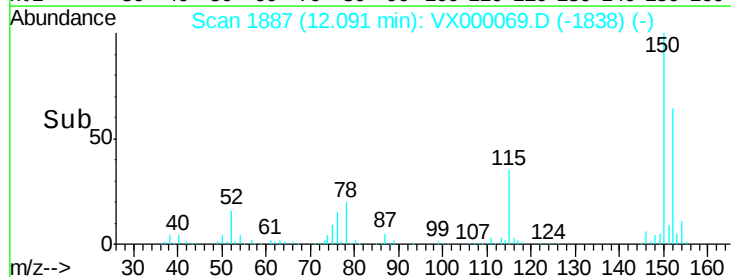
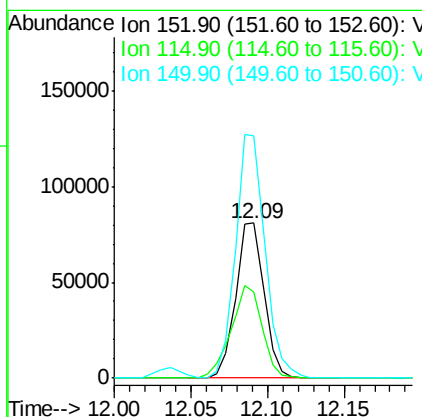
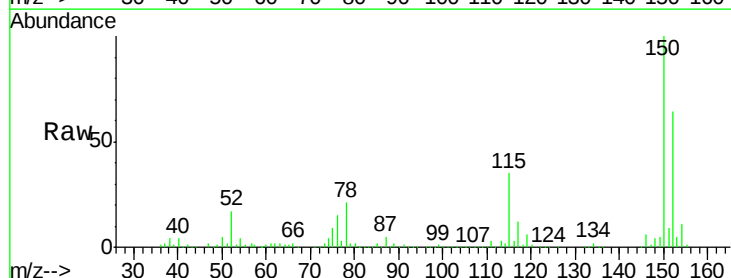
Manual Integrations
APPROVED

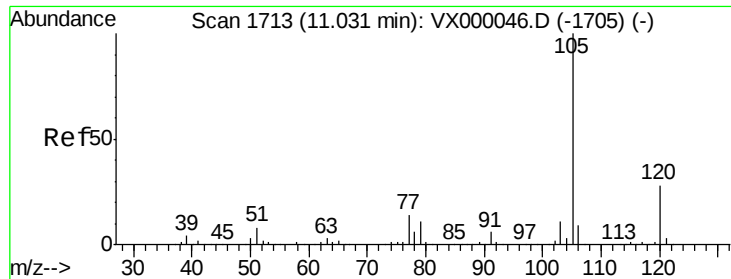
MMDadoda
2/15/2018 6:05:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1887
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.5	39.3	117.8
150	163.8	0.0	349.2





#73

Isopropylbenzene

Concen: 19.65 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 105 Resp: 129338

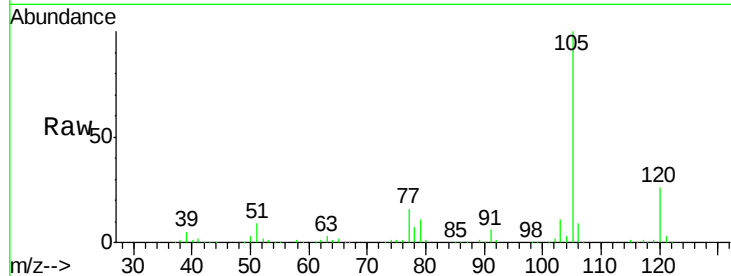
Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3

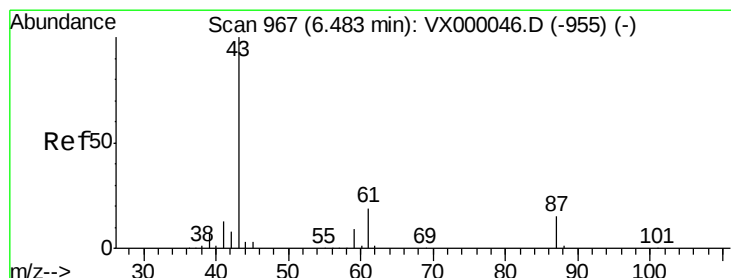
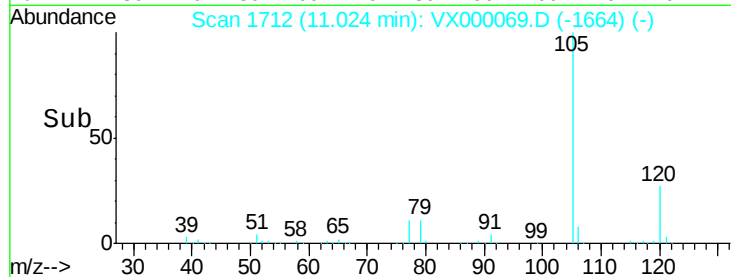
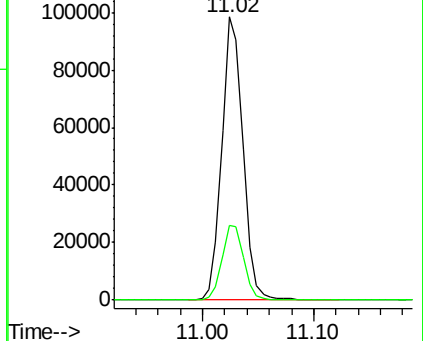
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.14 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion: 43 Resp: 63065

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

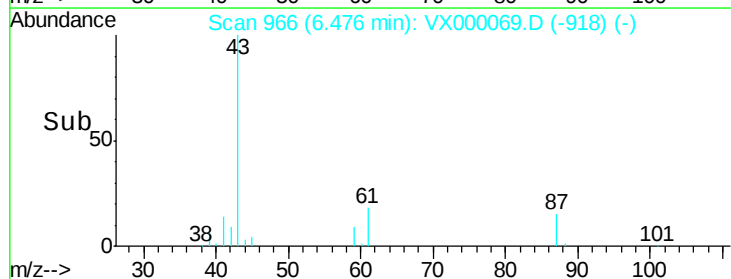
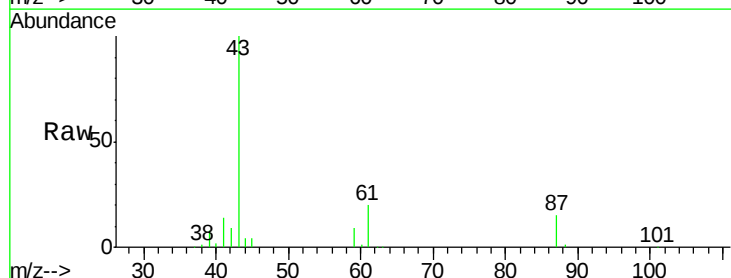
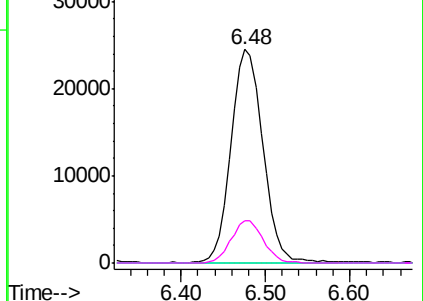
61 19.8 15.9 23.9

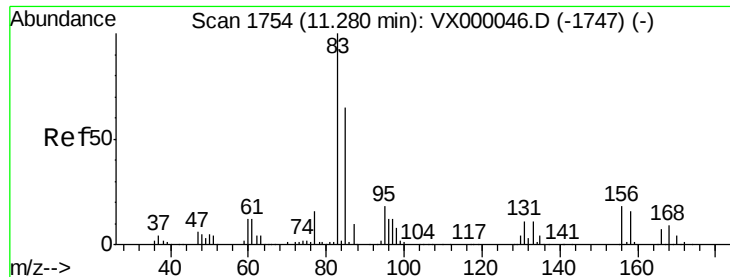
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.57 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

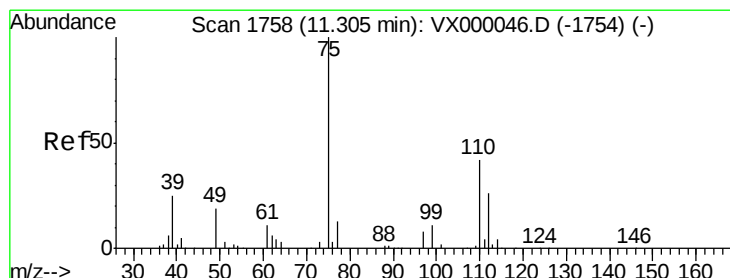
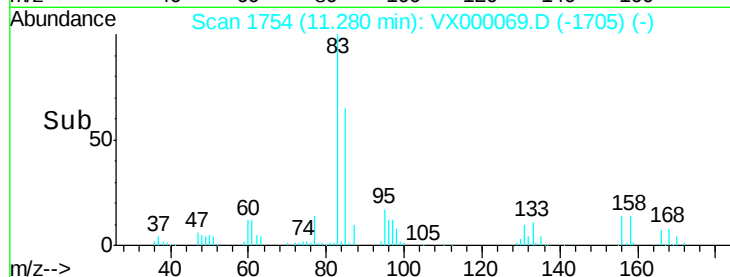
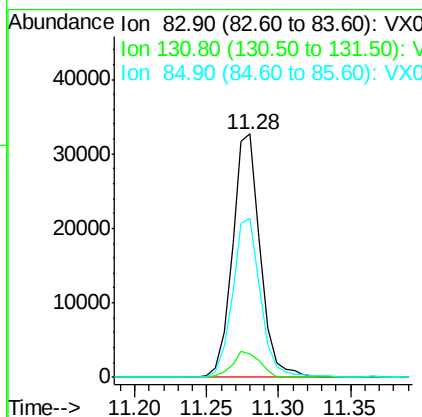
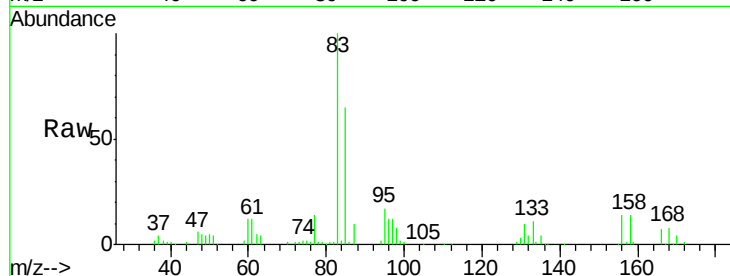
ClientSampleId :

VX0212WBS01

Tot Ion	83	Resp	43827
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.7
85	66.0	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#76

1,2,3-Trichloropropane

Concen: 20.56 ug/l m

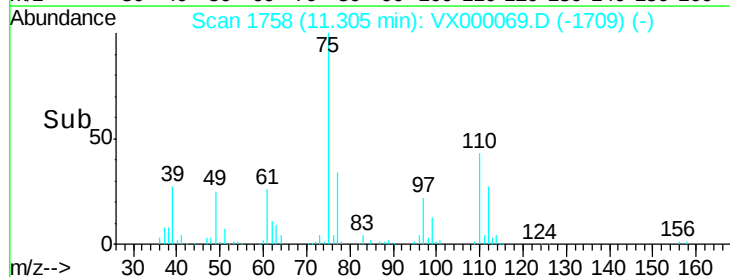
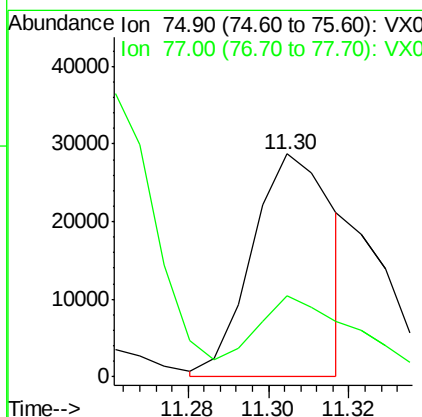
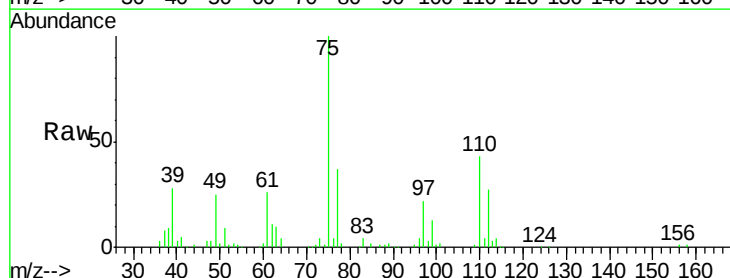
RT: 11.30 min Scan# 1758

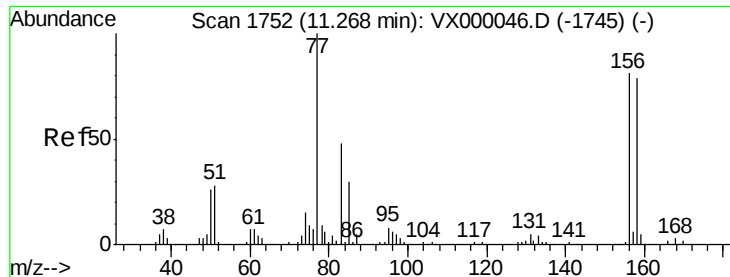
Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion	75	Resp	40178
Ion	Ratio	Lower	Upper
75	100		
77	45.7	23.7	71.1





#77

Bromobenzene

Concen: 19.33 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

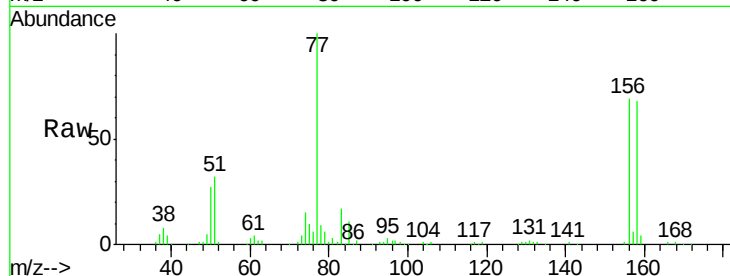
ClientSampleId :

VX0212WBS01

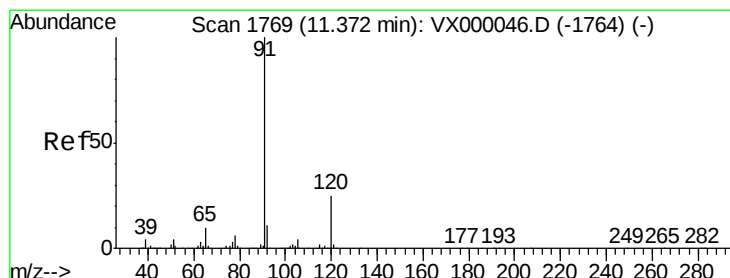
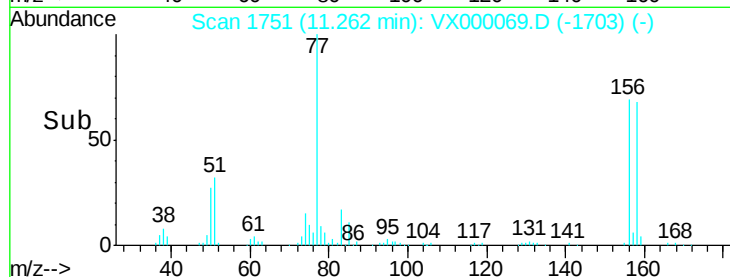
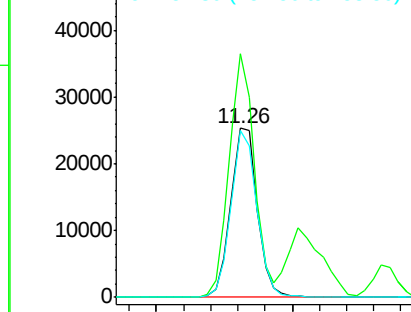
Tot Ion:	156	Resp:	34528
Ion Ratio	Lower	Upper	
156	100		
77	136.3	66.2	198.6
158	96.3	48.6	145.9

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.86 ug/l

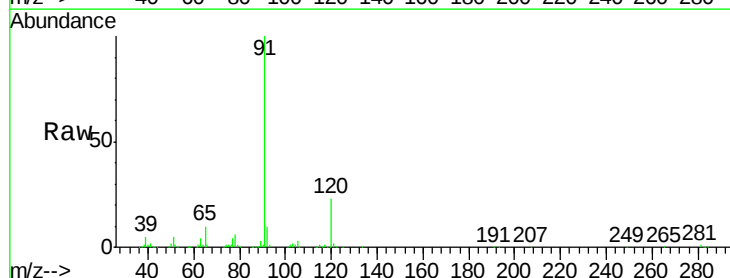
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

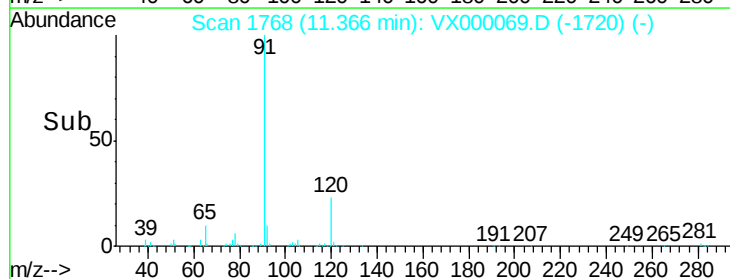
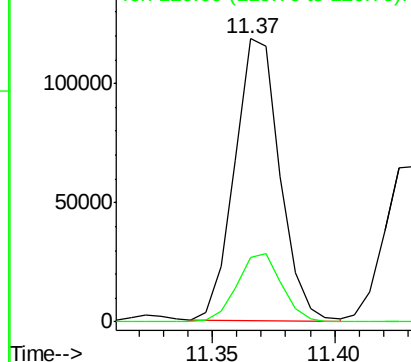
Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	91	Resp:	151563
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.77 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

ClientSampled :

VX0212WBS01

Tot Ion: 91 Resp: 87255

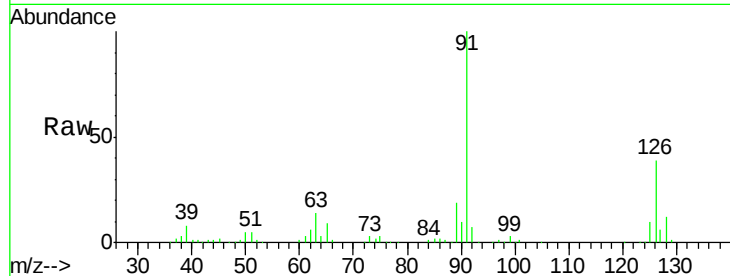
Ion Ratio Lower Upper

91 100

126 37.2 18.2 54.6

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



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

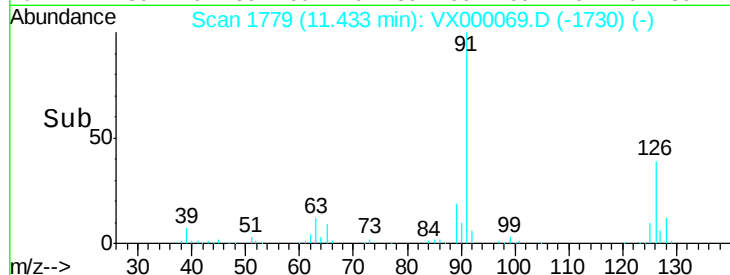
Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)

100000

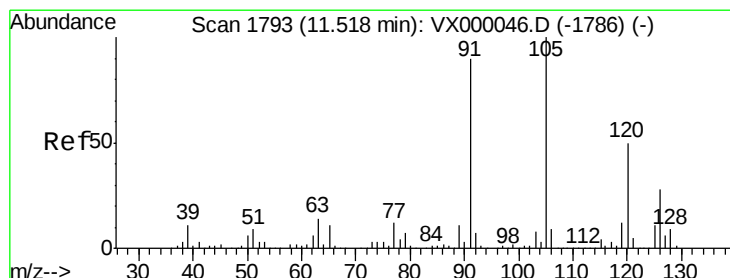
50000

0

11.40 11.45 11.50



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.05 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000069.D

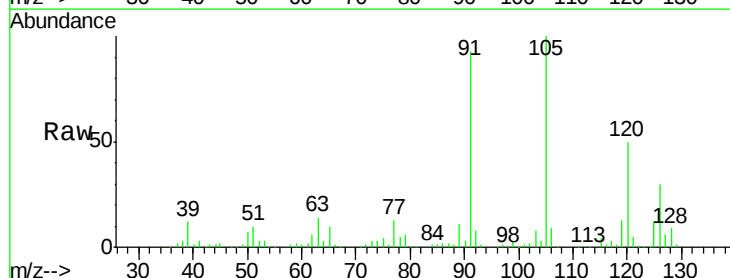
Acq: 12 Feb 2018 17:10

Tgt Ion: 105 Resp: 110593

Ion Ratio Lower Upper

105 100

120 49.1 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) (-)

100000

80000

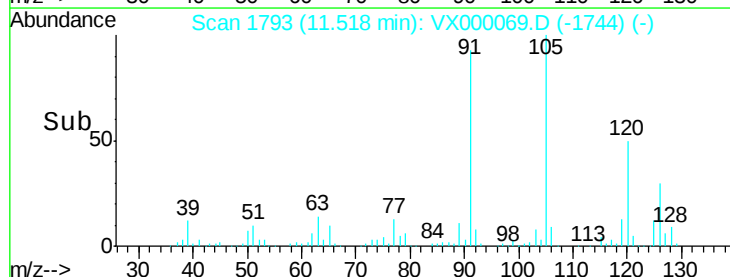
60000

40000

20000

0

11.50 11.60



Time-->



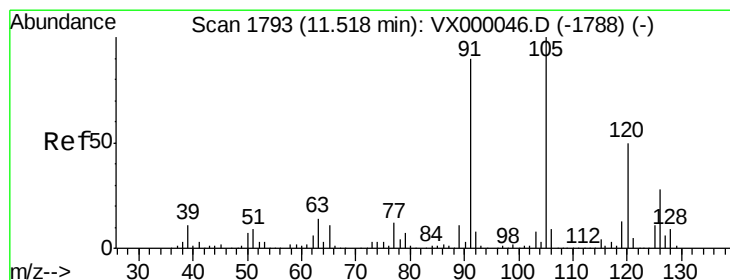
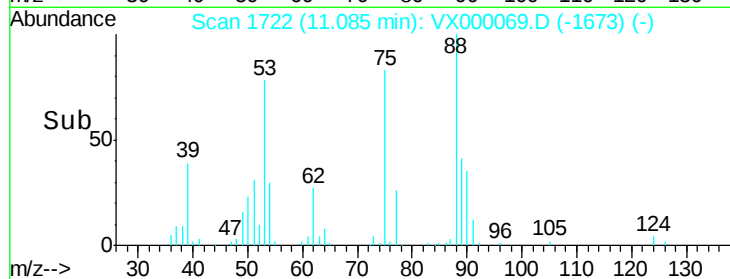
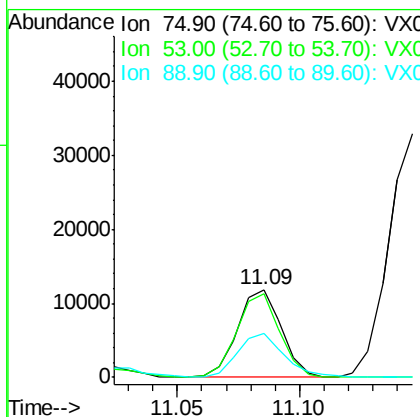
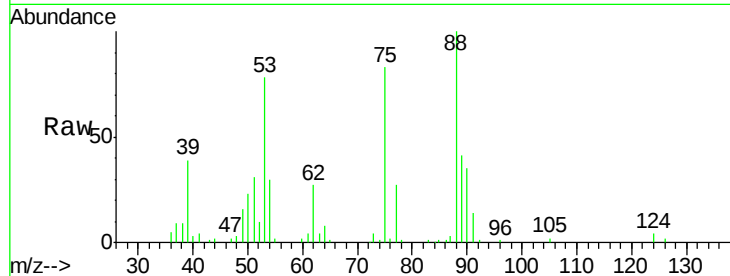
#81
trans-1,4-Dichloro-2-butene
Concen: 18.73 ug/l
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
ClientSampled :
VX0212WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	70.3	105.5
89	54.0	48.6	72.8

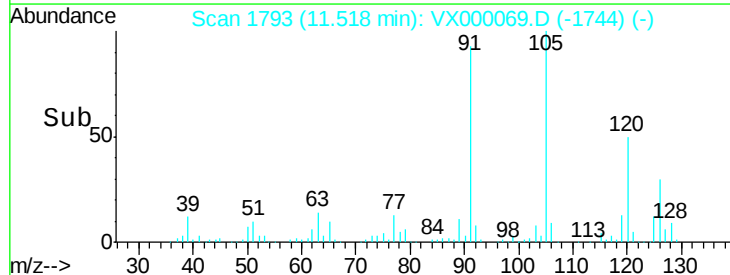
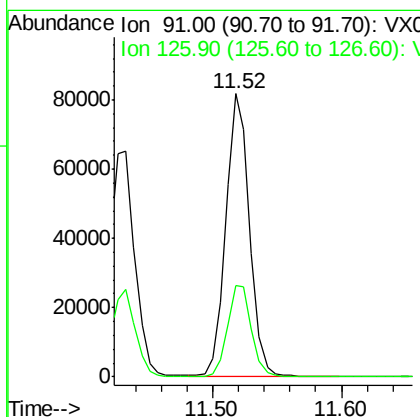
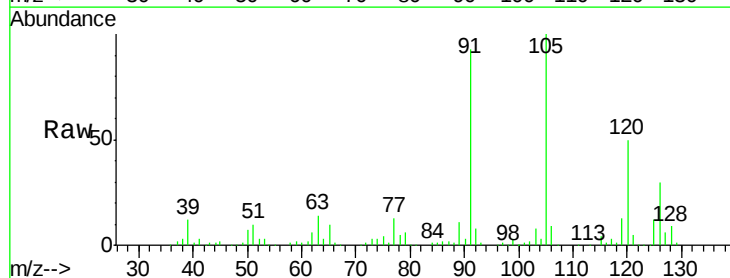
Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#82
4-Chlorotoluene
Concen: 20.05 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.7	16.3	48.8





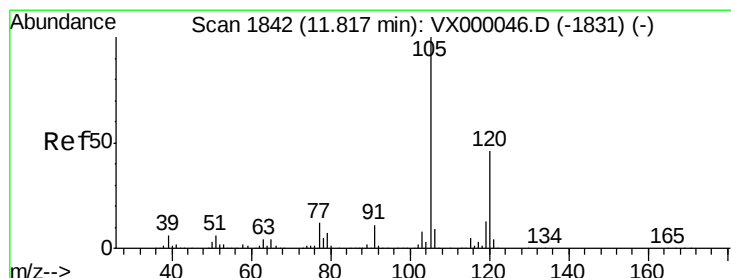
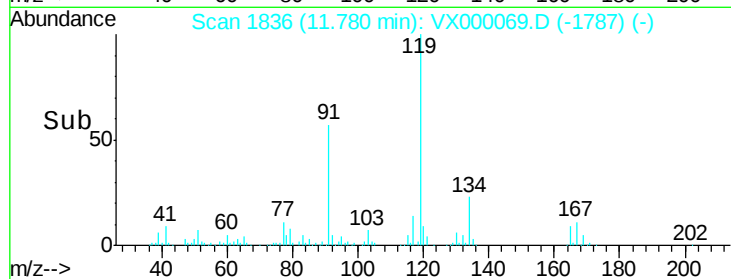
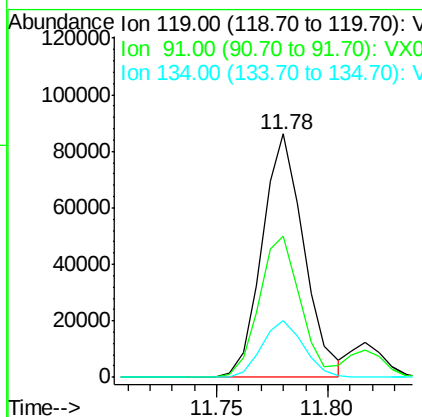
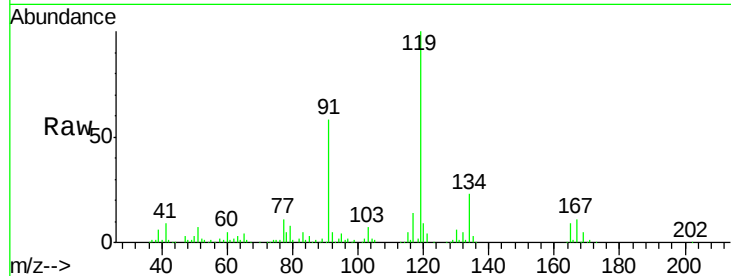
#83
 tert-Butylbenzene
 Concen: 20.15 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampled :
 VX0212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112297		
91	58.0	27.9	83.7	
134	23.3	11.7	35.1	

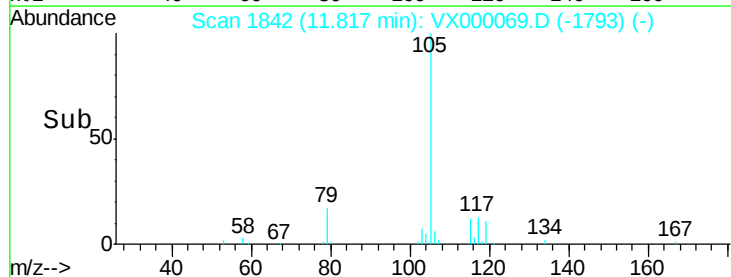
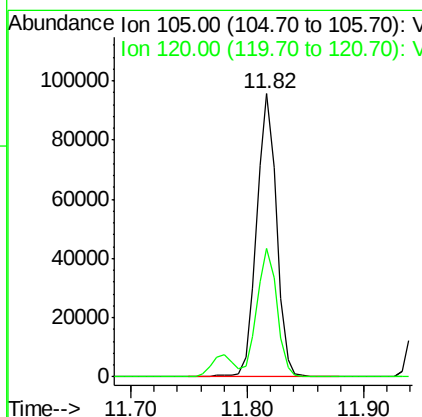
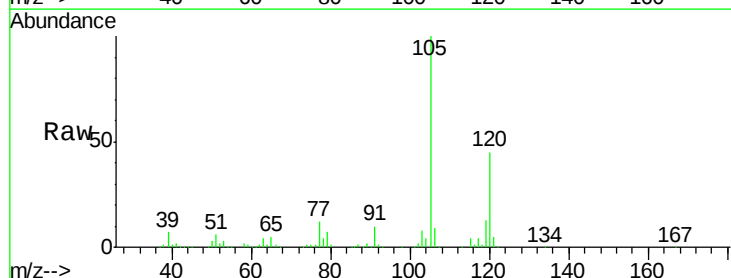
Manual Integrations
 APPROVED

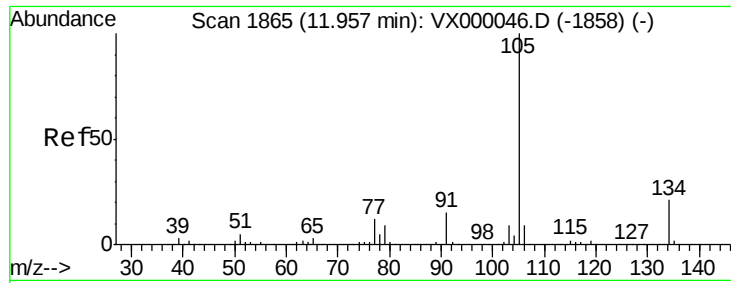
MMDadoda
 2/15/2018 6:05:17 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.26 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	114377		
120	45.9	23.4	70.2	





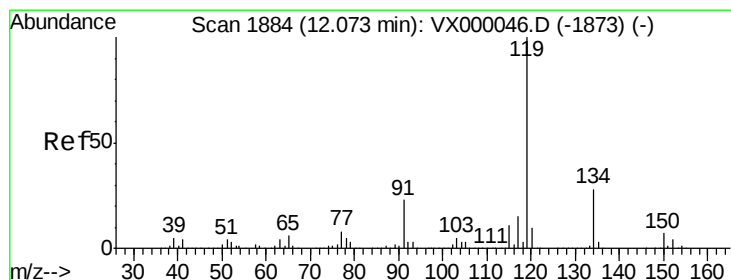
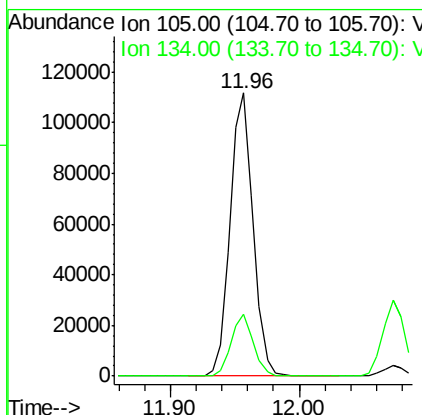
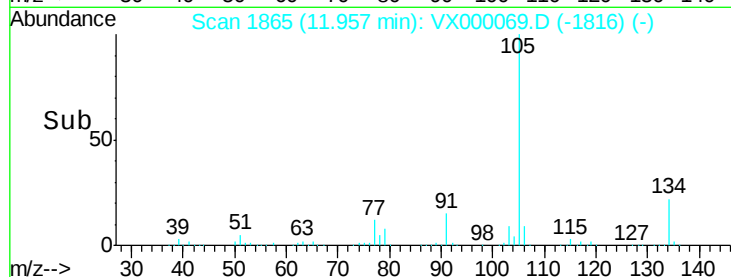
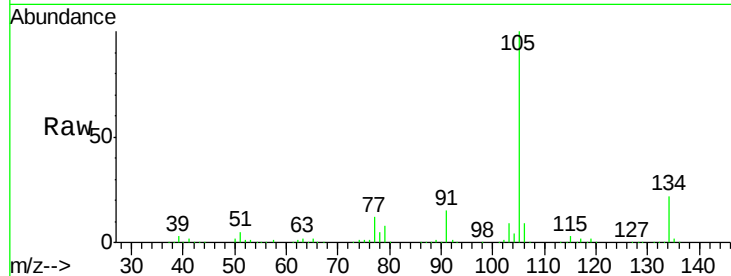
#85
 sec-Butylbenzene
 Concen: 20.30 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampled :
 VX0212WBS01

Tot Ion:105 Resp: 139163
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.6 31.8

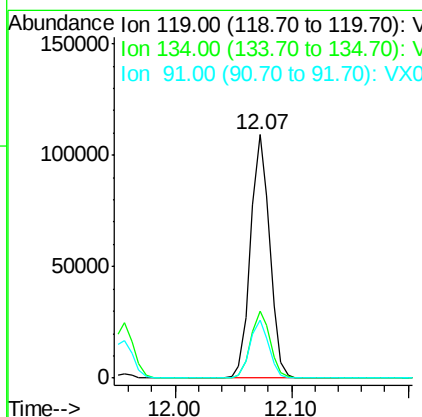
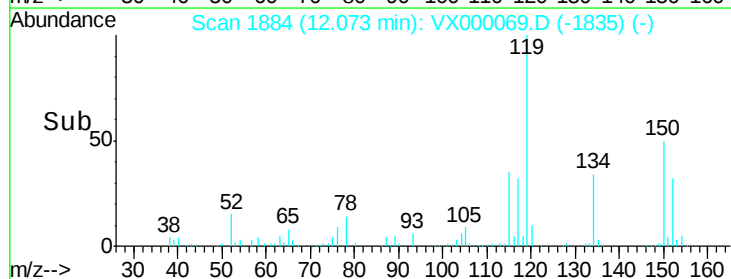
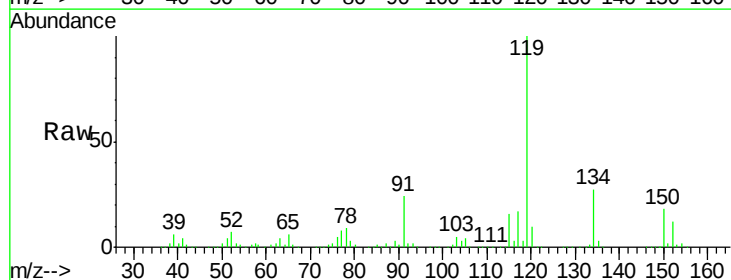
Manual Integrations
 APPROVED

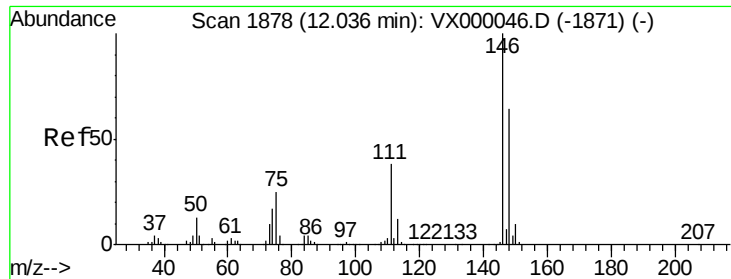
MMDadoda
 2/15/2018 6:05:17 PM



#86
 p-Isopropyltoluene
 Concen: 20.42 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion:119 Resp: 125906
 Ion Ratio Lower Upper
 119 100
 134 27.8 14.0 41.9
 91 23.7 11.6 34.7





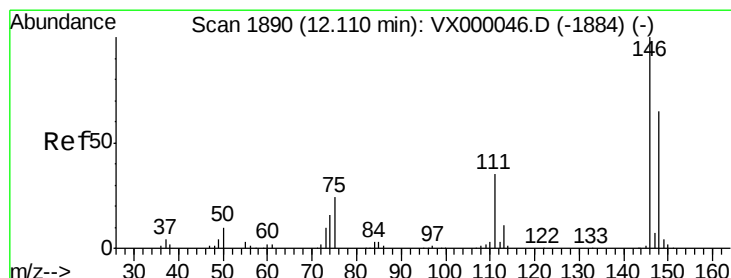
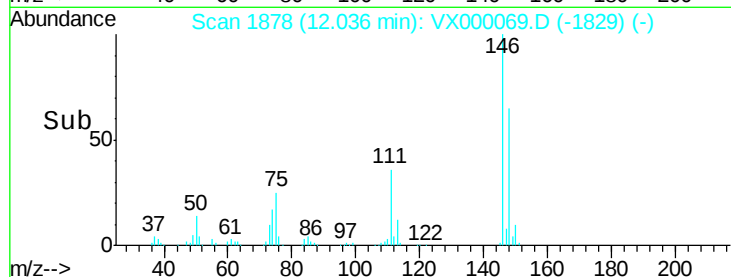
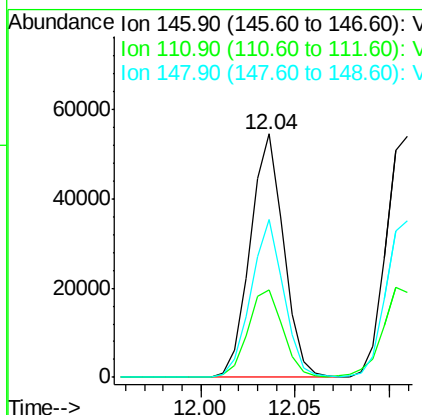
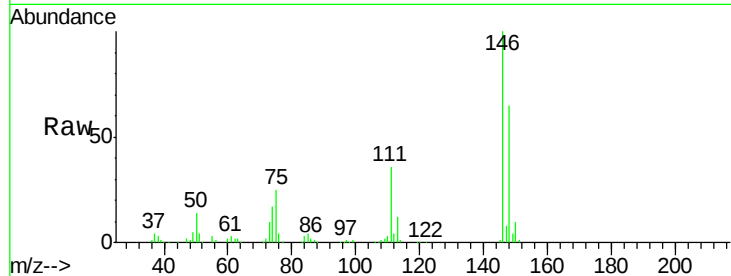
#87
 1,3-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampleId :
 VX0212WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.9	56.9
148	63.4	31.8	95.4

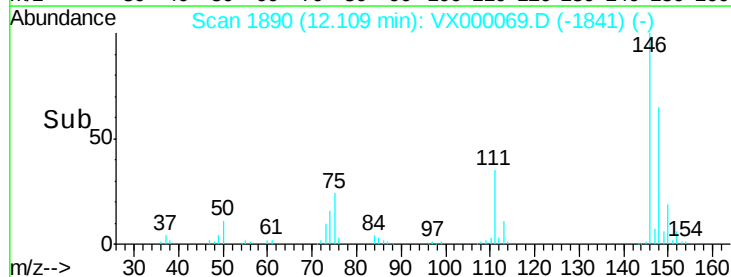
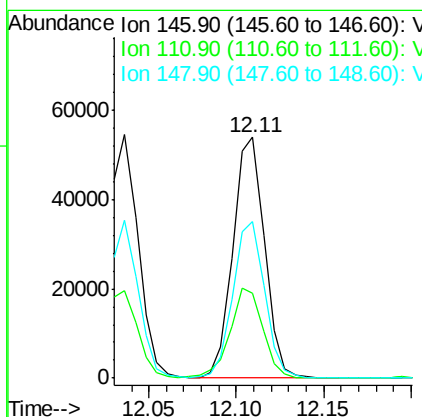
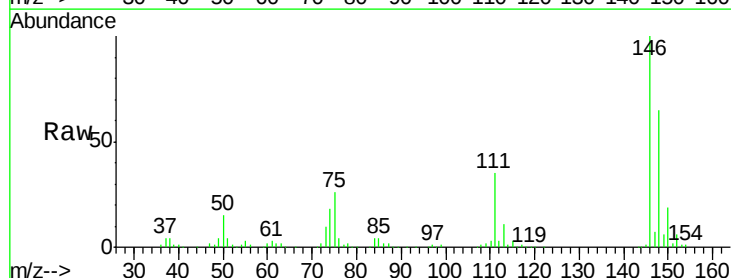
Manual Integrations
 APPROVED

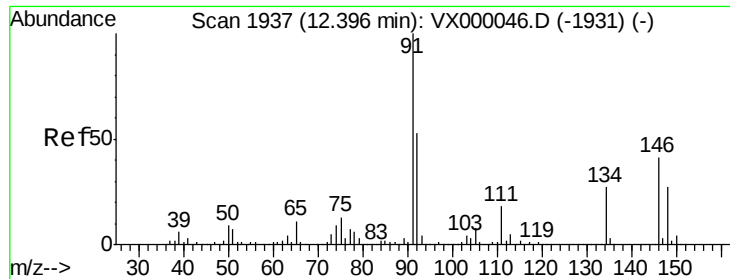
MMDadoda
 2/15/2018 6:05:17 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.74 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.7	56.1
148	65.5	32.1	96.5





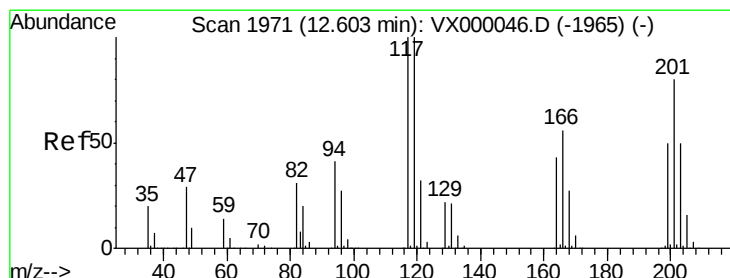
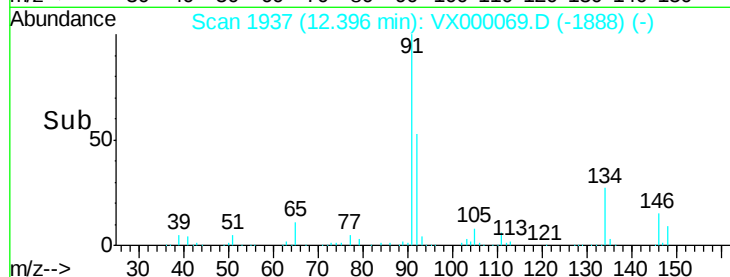
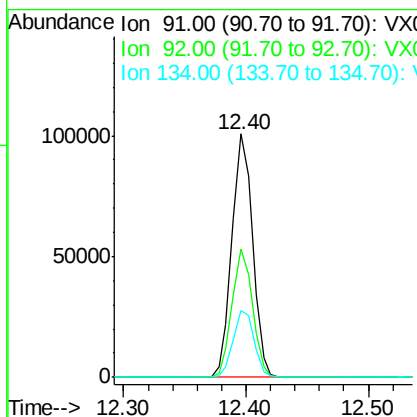
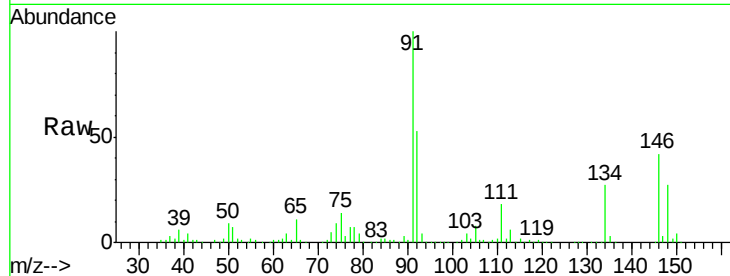
#89
n-Butylbenzene
Concen: 20.41 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Instrument :
Client Sampled :
VX0212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	117536		
92	51.9	26.1	78.2	
134	27.5	14.1	42.2	

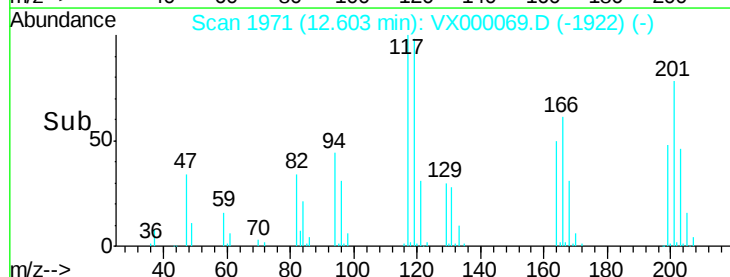
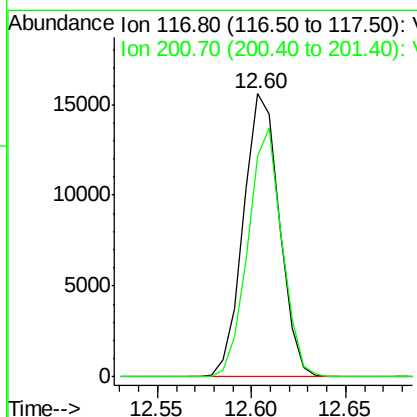
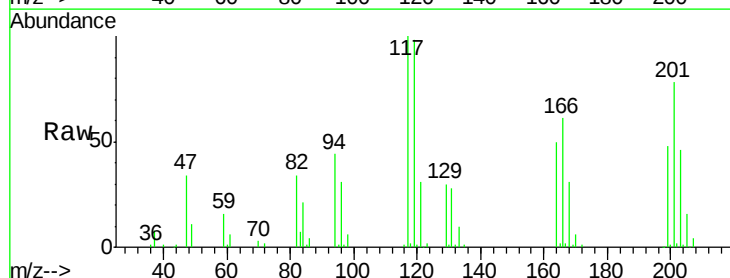
Manual Integrations
APPROVED

MM Dadoda
2/15/2018 6:05:17 PM



#90
Hexachloroethane
Concen: 19.17 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000069.D
Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	20670		
201	82.6	43.5	130.7	





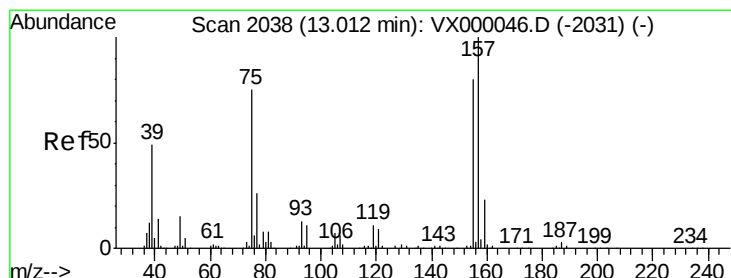
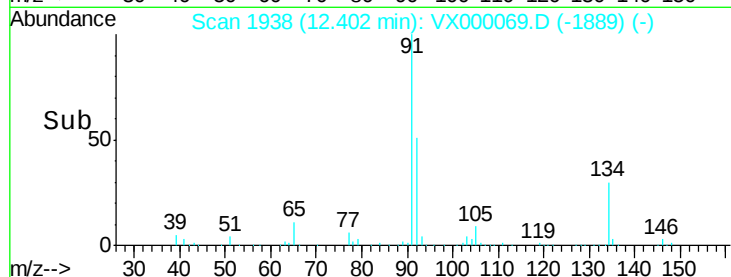
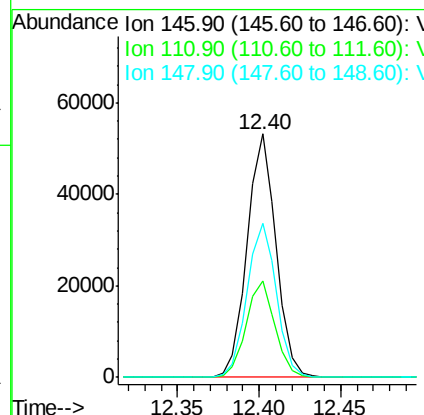
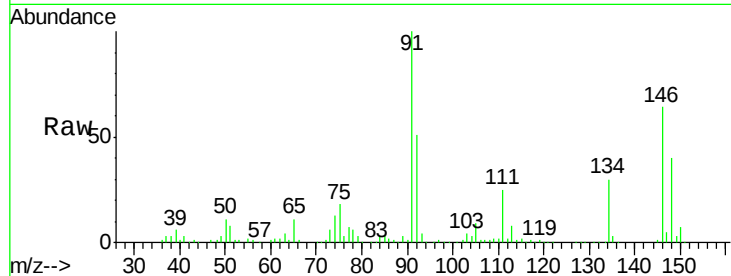
#91
 1,2-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 ClientSampleId :
 VX0212WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	65578		
111	39.4	19.4	58.2	
148	64.1	32.0	96.2	

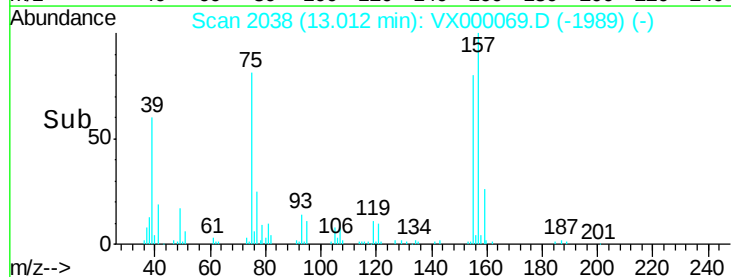
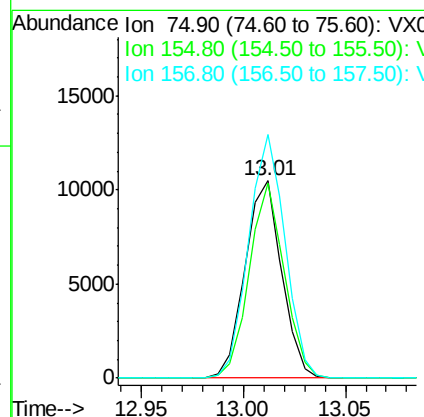
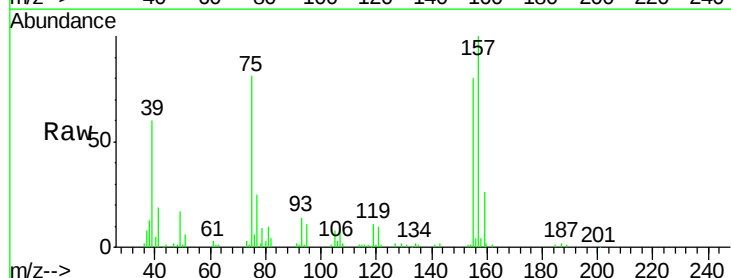
Manual Integrations
 APPROVED

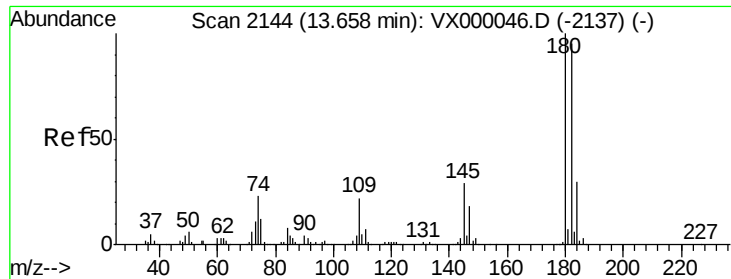
MMDadoda
 2/15/2018 6:05:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.32 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13028		
155	94.7	52.0	156.0	
157	123.0	65.3	195.9	





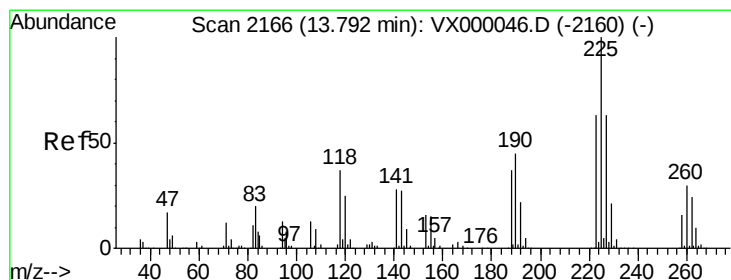
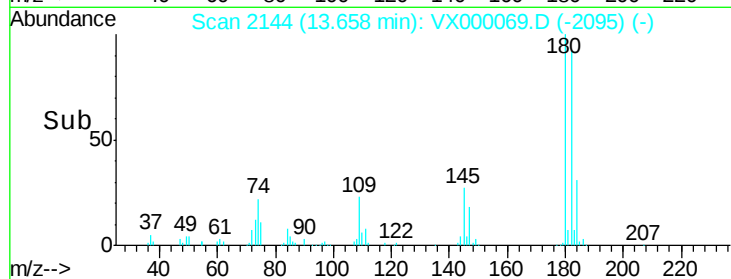
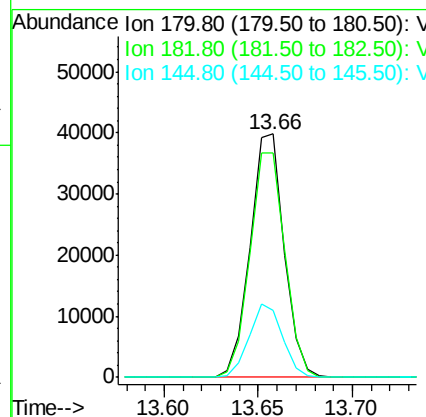
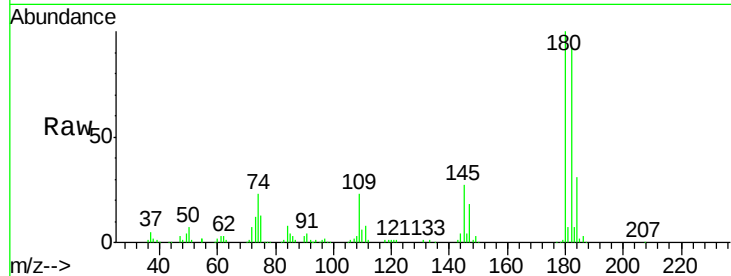
#93
 1,2,4-Trichlorobenzene
 Concen: 19.82 ug/l
 RT: 13.66 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Instrument :
 Client Sampled :
 VX0212WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.0	144.0
145	29.3	14.7	44.1

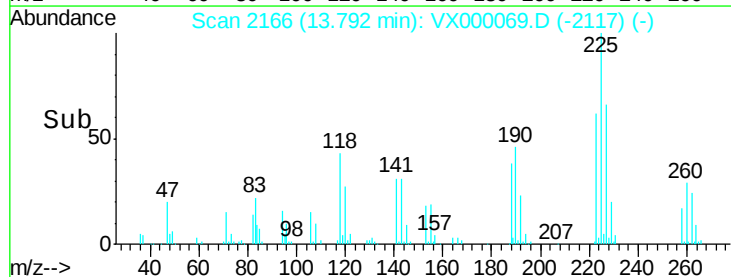
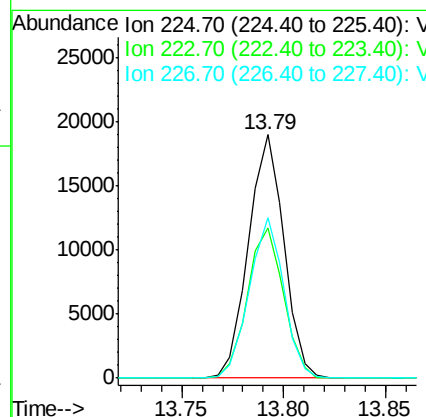
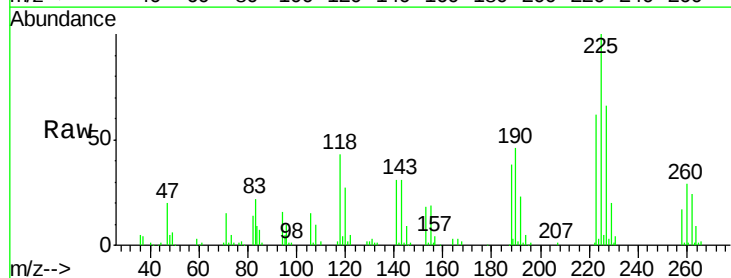
Manual Integrations
 APPROVED

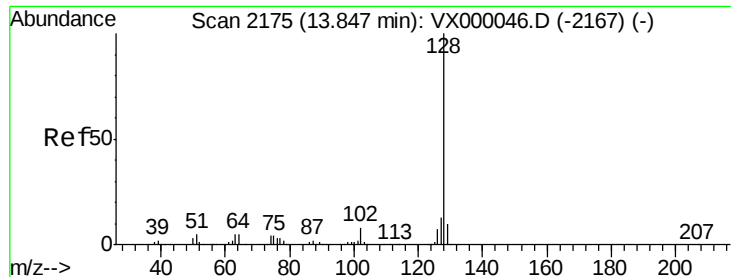
MMDadoda
 2/15/2018 6:05:17 PM



#94
 Hexachlorobutadiene
 Concen: 19.36 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000069.D
 Acq: 12 Feb 2018 17:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.9	95.5
227	64.0	31.6	95.0





#95

Naphthalene

Concen: 20.70 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Instrument :

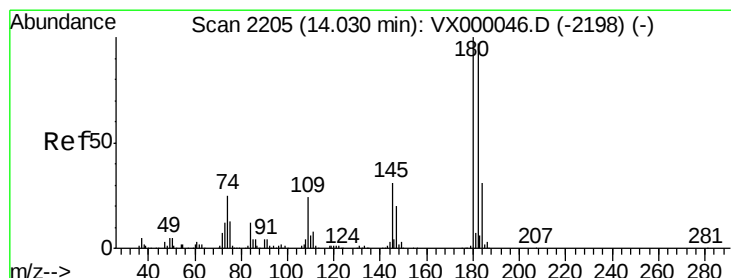
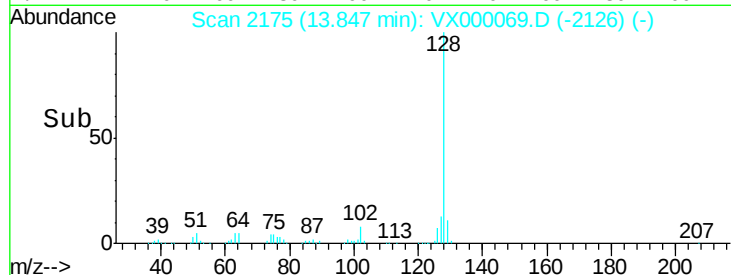
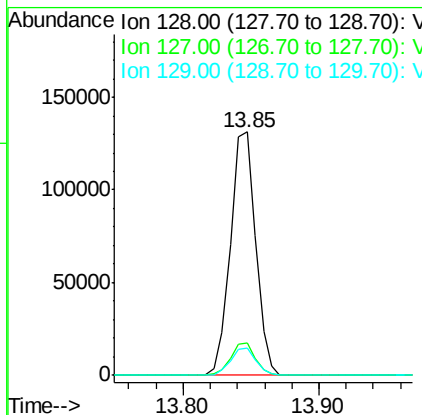
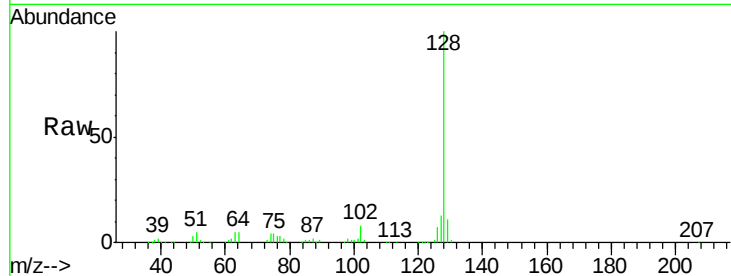
ClientSampled :

VX0212WBS01

Tot Ion:	128	Resp:	169440
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.44 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000069.D

Acq: 12 Feb 2018 17:10

Tgt Ion:	180	Resp:	50079
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.7
145	31.1	15.7	47.0

