

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002211.D
 Acq On : 01 Jun 2018 10:59
 Operator : JC/MD
 Sample : VX0531WBS06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:18 PM

Quant Time: Jun 01 16:14:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192800	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	5.51	113	142572	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.72	98	557304	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	207293	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41933	15.022	ug/l	97
3) Chloromethane	1.32	50	57098	18.213	ug/l	99
4) Vinyl Chloride	1.41	62	59202	19.557	ug/l	99
5) Bromomethane	1.64	94	37087	26.158	ug/l	99
6) Chloroethane	1.73	64	39142	21.935	ug/l	100
7) Trichlorofluoromethane	1.93	101	100230	22.048	ug/l	100
8) Diethyl Ether	2.19	74	39492	23.943	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56944	22.448	ug/l	97
10) Methyl Iodide	2.51	142	61061	17.790	ug/l	97
11) Tert butyl alcohol	3.07	59	89718	125.490	ug/l	97
12) 1,1-Dichloroethene	2.38	96	50136	21.110	ug/l	99
13) Acrolein	2.30	56	26772	86.608	ug/l	97
14) Allyl chloride	2.73	41	109666	21.998	ug/l	97
15) Acrylonitrile	3.15	53	177081	120.448	ug/l	98
16) Acetone	2.45	43	197580	140.562	ug/l	99
17) Carbon Disulfide	2.57	76	109230	15.980	ug/l	99
18) Methyl Acetate	2.78	43	90175	26.087	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	207766	23.259	ug/l	99
20) Methylene Chloride	2.86	84	61094	24.243	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55289	23.061	ug/l	93
22) Diisopropyl ether	3.87	45	199001	19.624	ug/l	94
23) Vinyl Acetate	3.83	43	852151	101.355	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112511	23.357	ug/l	99
25) 2-Butanone	4.71	43	250154	97.099	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80341	16.478	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	57288	18.498	ug/l	96
28) Bromochloromethane	5.03	49	49315	23.271	ug/l	100
29) Tetrahydrofuran	5.17	42	156114	93.137	ug/l	100
30) Chloroform	5.22	83	102739	18.931	ug/l	98
31) Cyclohexane	5.58	56	87835	17.502	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86115	17.021	ug/l	97
36) 1,1-Dichloropropene	5.81	75	71864	17.868	ug/l	99
37) Ethyl Acetate	4.87	43	91968	17.539	ug/l	100
38) Carbon Tetrachloride	5.79	117	74678	15.922	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002211.D
 Acq On : 01 Jun 2018 10:59
 Operator : JC/MD
 Sample : VX0531WBS06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:18 PM

Quant Time: Jun 01 16:14:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89494	18.112	ug/l	98
40) Benzene	6.15	78	224787	19.077	ug/l	99
41) Methacrylonitrile	5.06	41	52168	17.982	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92084	19.564	ug/l	99
43) Isopropyl Acetate	6.47	43	154620	17.698	ug/l	99
44) Trichloroethene	7.22	130	63621	18.528	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61203	19.126	ug/l	99
46) Dibromomethane	7.67	93	40455	19.095	ug/l	98
47) Bromodichloromethane	7.90	83	71332	15.791	ug/l	98
48) Methyl methacrylate	7.78	41	78927	17.750	ug/l	98
49) 1,4-Dioxane	7.76	88	29527	376.819	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	506696	96.208	ug/l	99
52) Toluene	8.79	92	146344	19.516	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88453	17.001	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	80202	15.819	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59610	19.029	ug/l	98
56) Ethyl methacrylate	9.18	69	93231	17.303	ug/l	98
57) 1,3-Dichloropropane	9.38	76	100655	19.504	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	205186	85.916	ug/l	99
59) 2-Hexanone	9.50	43	391299	96.356	ug/l	99
60) Dibromochloromethane	9.59	129	55650	14.998	ug/l	98
61) 1,2-Dibromoethane	9.68	107	63272	19.249	ug/l	98
64) Tetrachloroethene	9.34	164	71341	18.325	ug/l	99
65) Chlorobenzene	10.14	112	165873	19.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57695	16.609	ug/l	100
67) Ethyl Benzene	10.26	91	282617	18.909	ug/l	100
68) m/p-Xylenes	10.37	106	218122	38.177	ug/l	99
69) o-Xylene	10.70	106	108634	19.043	ug/l	100
70) Styrene	10.72	104	175501	18.550	ug/l	100
71) Bromoform	10.86	173	41670	12.651	ug/l #	100
73) Isopropylbenzene	11.02	105	290254	18.900	ug/l	99
74) N-amyl acetate	6.47	43	154620	17.348	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86920	19.932	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77957m	17.896	ug/l	
77) Bromobenzene	11.26	156	77649	19.057	ug/l	97
78) n-propylbenzene	11.37	91	327929	19.065	ug/l	100
79) 2-Chlorotoluene	11.43	91	196430	19.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247261	18.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22196	12.246	ug/l #	81
82) 4-Chlorotoluene	11.51	91	231077	19.048	ug/l	100
83) tert-Butylbenzene	11.77	119	236071	18.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254589	18.771	ug/l	100
85) sec-Butylbenzene	11.95	105	292683	18.905	ug/l	99
86) p-Isopropyltoluene	12.07	119	263024	18.986	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139576	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141612	19.411	ug/l	100
89) n-Butylbenzene	12.39	91	220742	18.805	ug/l	99
90) Hexachloroethane	12.60	117	36750	13.448	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	144744	19.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18951	13.879	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002211.D
Acq On : 01 Jun 2018 10:59
Operator : JC/MD
Sample : VX0531WBS06
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

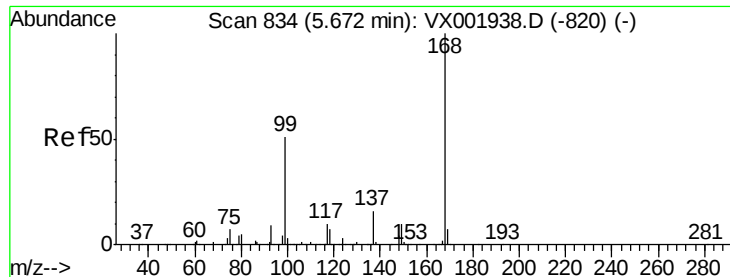
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM

Quant Time: Jun 01 16:14:13 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	101176	19.031	ug/l	99
94) Hexachlorobutadiene	13.79	225	53512	18.711	ug/l	98
95) Naphthalene	13.84	128	303952	18.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106145	19.295	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion:168 Resp: 203760

Ion Ratio Lower Upper

168 100

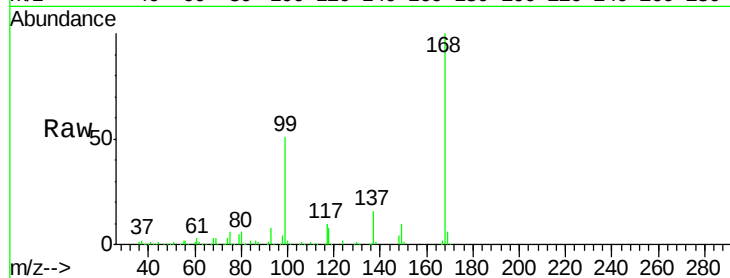
99 50.7 41.0 61.4

Manual Integrations

APPROVED

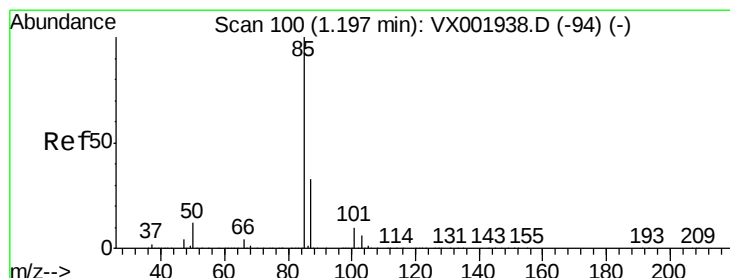
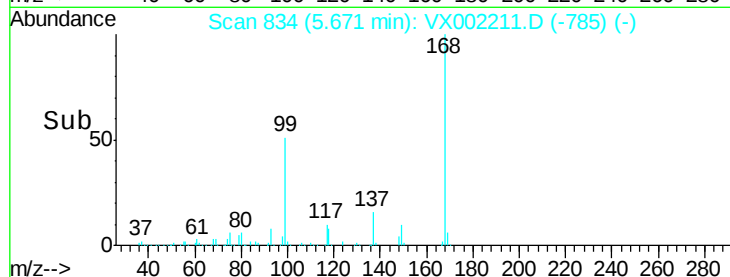
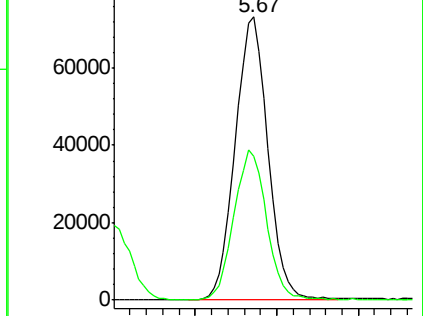
MMDadoda

6/1/2018 6:37:18 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 15.022 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002211.D

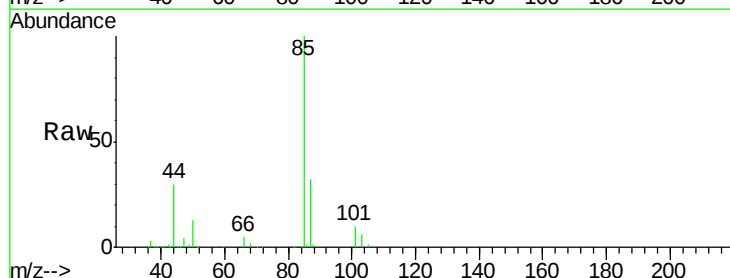
Acq: 01 Jun 2018 10:59

Tgt Ion: 85 Resp: 41933

Ion Ratio Lower Upper

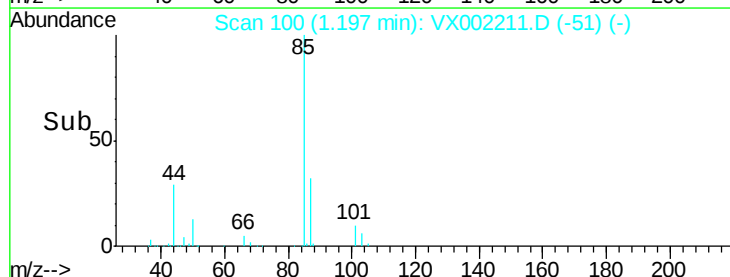
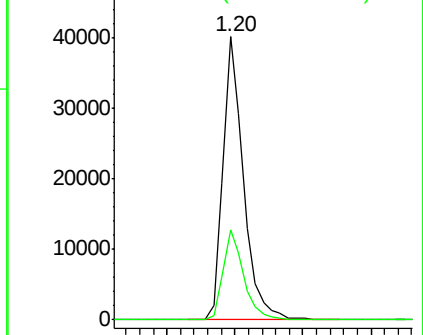
85 100

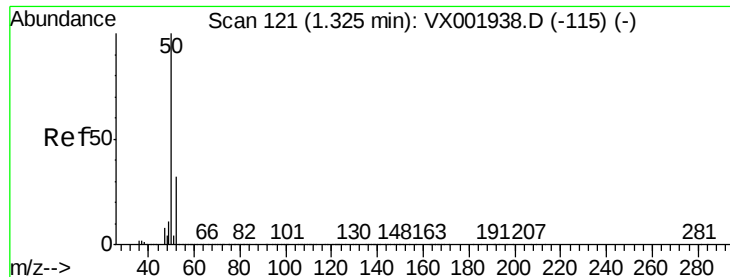
87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.213 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 50 Resp: 57098

Ion Ratio Lower Upper

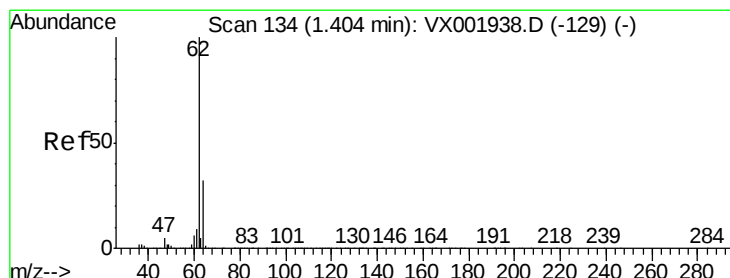
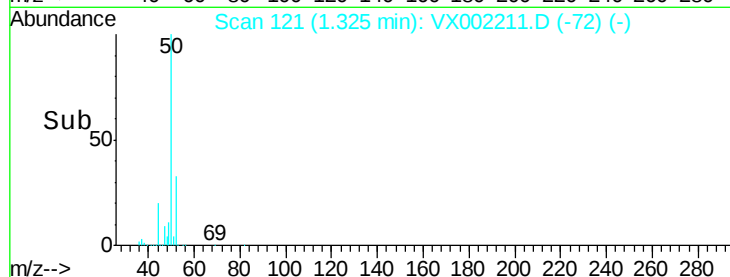
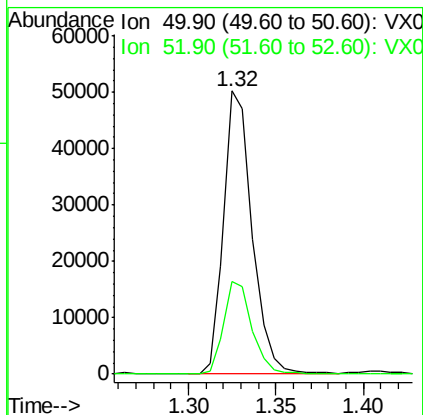
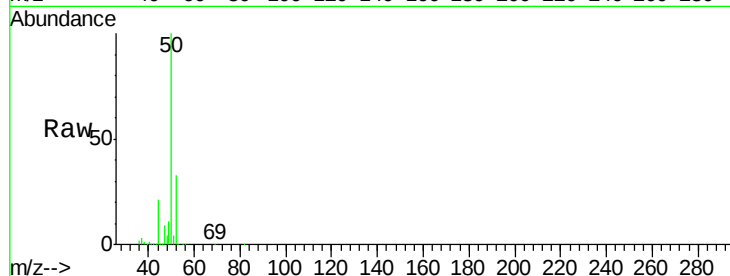
50 100

52 33.0 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:18 PM



#4

Vinyl Chloride

Concen: 19.557 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002211.D

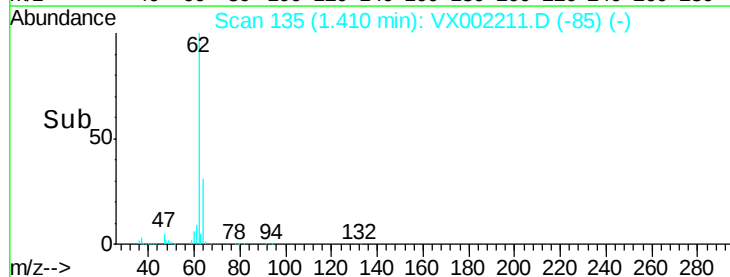
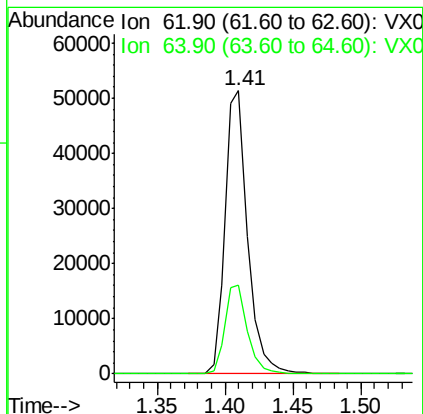
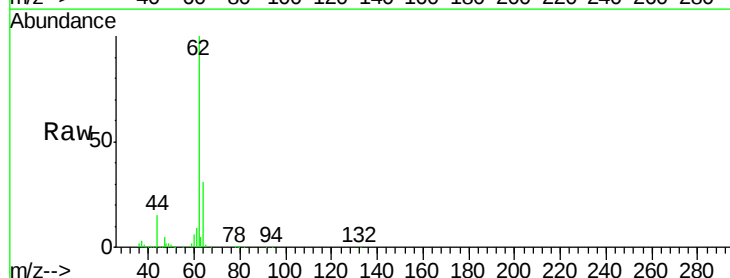
Acq: 01 Jun 2018 10:59

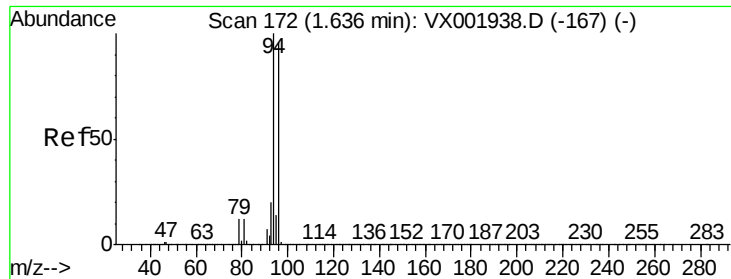
Tgt Ion: 62 Resp: 59202

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.0





#5

Bromomethane

Concen: 26.158 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 94 Resp: 37087

Ion Ratio Lower Upper

94 100

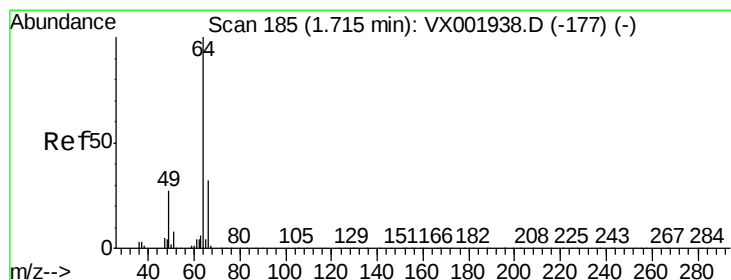
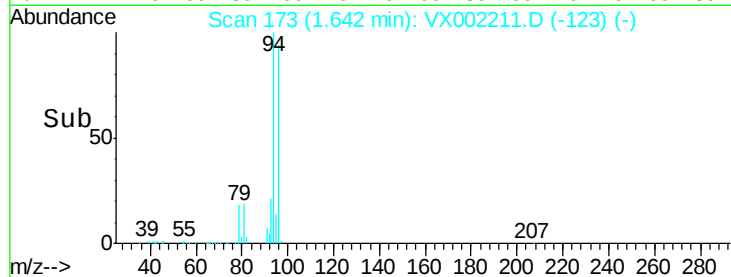
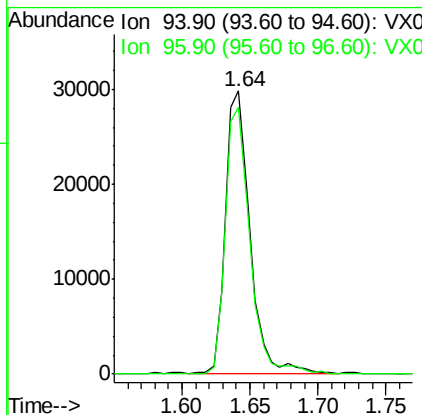
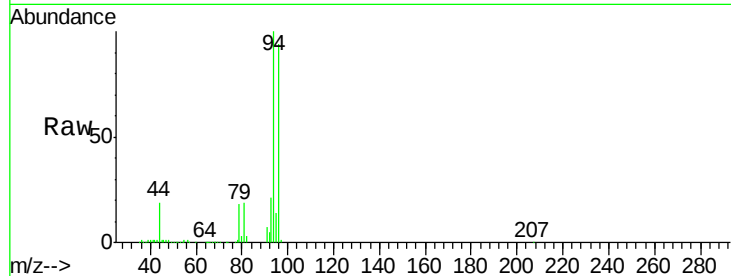
96 94.0 75.9 113.9

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:18 PM



#6

Chloroethane

Concen: 21.935 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX002211.D

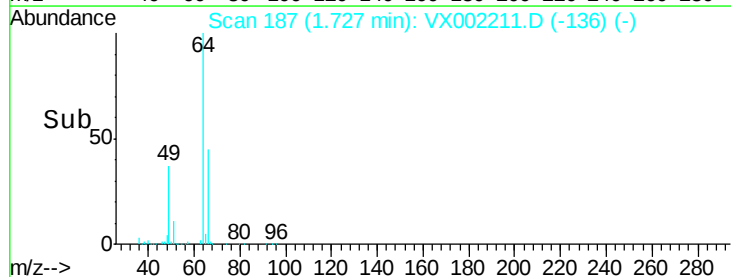
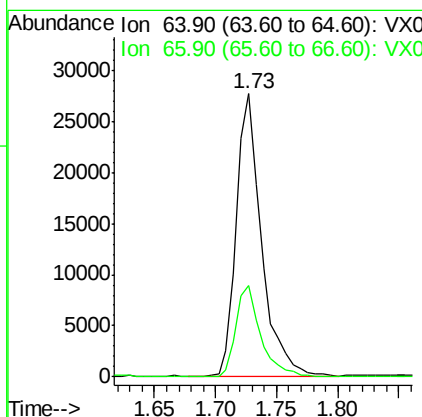
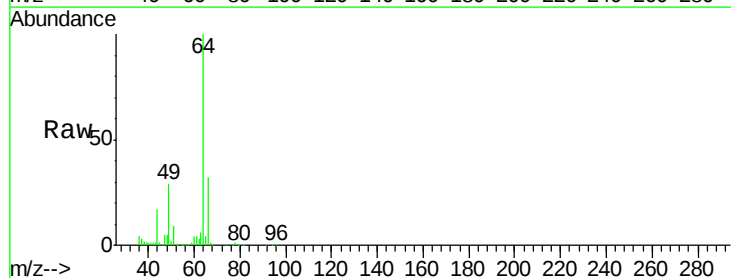
Acq: 01 Jun 2018 10:59

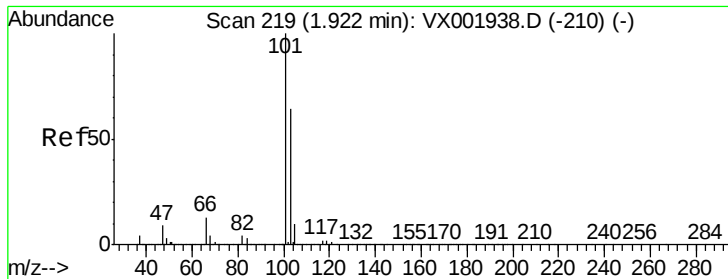
Tgt Ion: 64 Resp: 39142

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4





#7

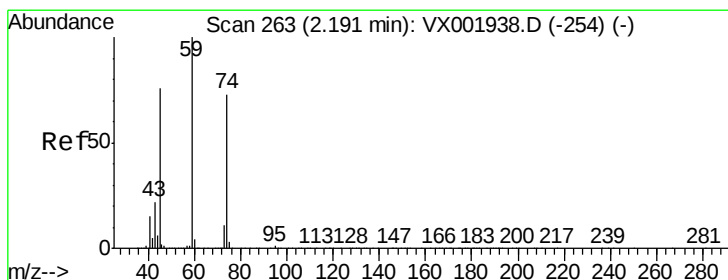
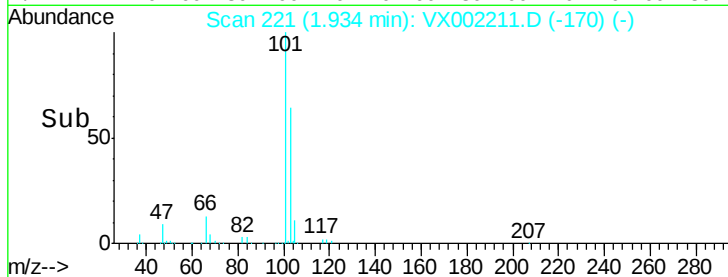
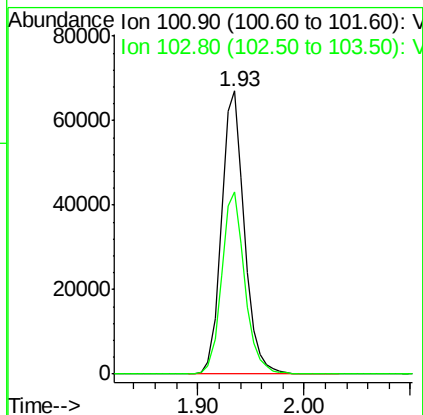
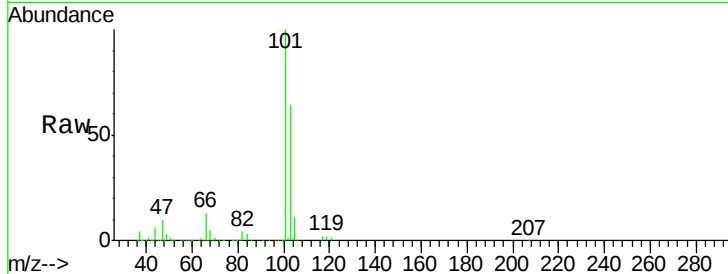
Trichlorofluoromethane
 Concen: 22.048 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.4	77.0

Manual Integrations
 APPROVED

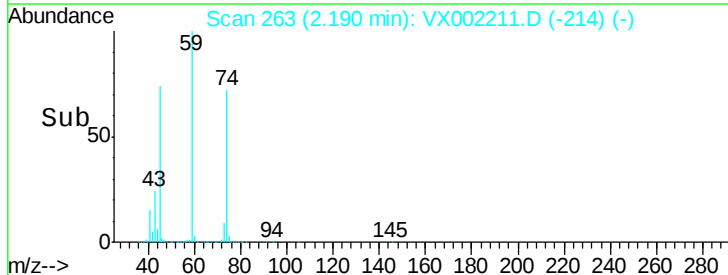
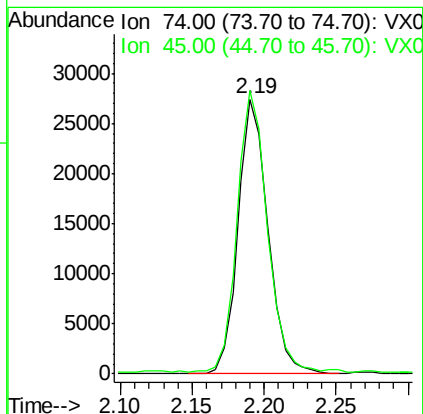
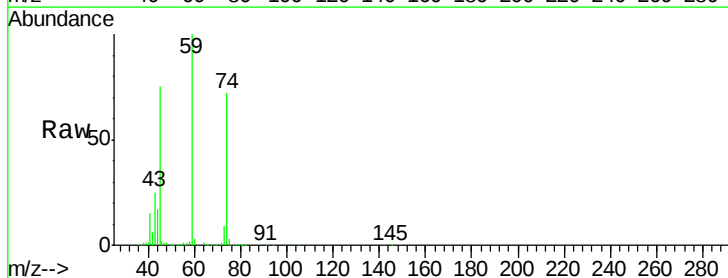
MMDadoda
 6/1/2018 6:37:18 PM

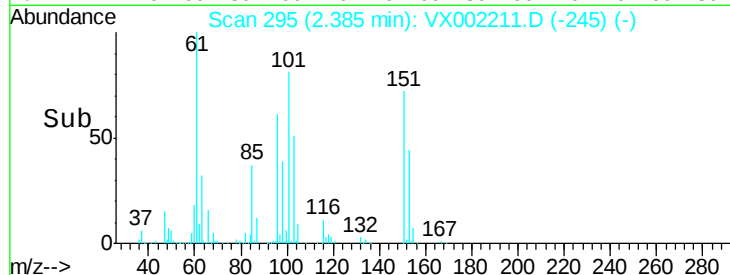
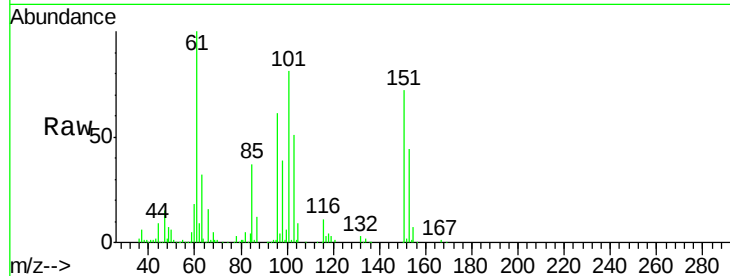
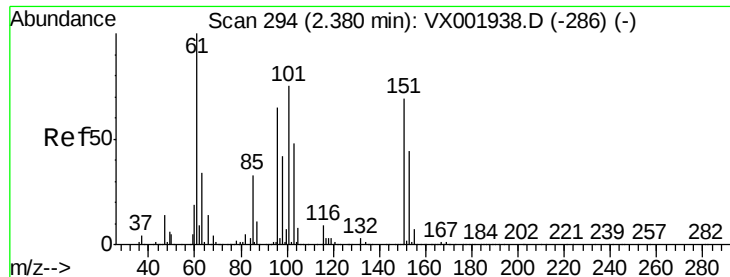


#8

Diethyl Ether
 Concen: 23.943 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.0	51.5	154.7





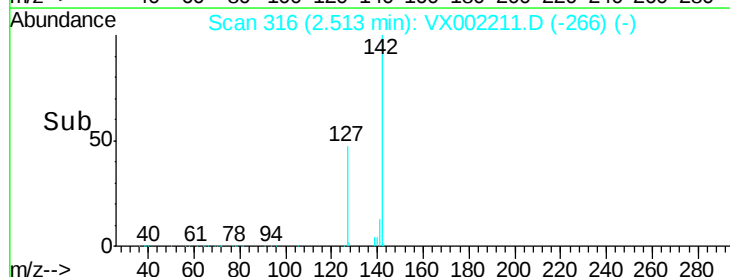
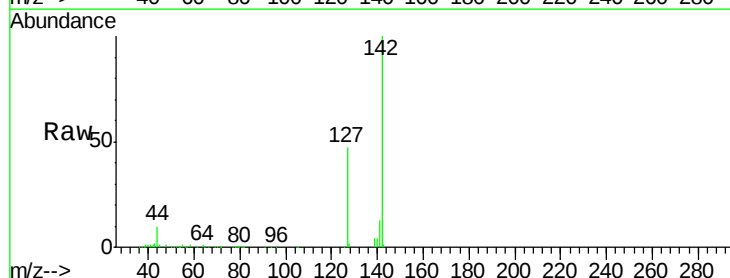
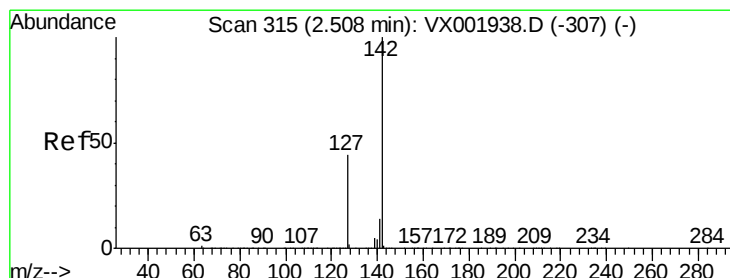
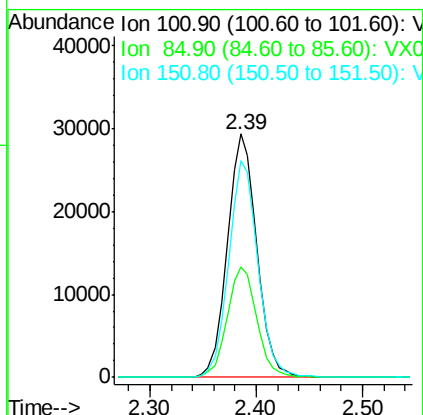
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.448 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Resp	Lower	Upper
101	100	56944		
85	46.0		35.6	53.4
151	88.0		73.2	109.8

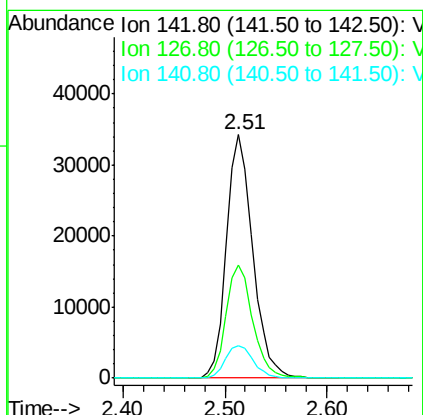
Manual Integrations
APPROVED

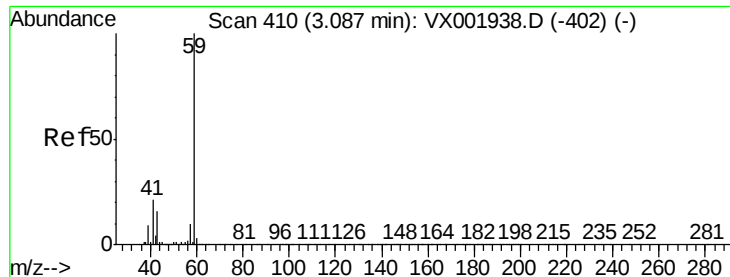
MMDadoda
6/1/2018 6:37:18 PM



#10
Methyl Iodide
Concen: 17.790 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	61061		
127	47.1		35.5	53.3
141	14.5		11.3	16.9





#11

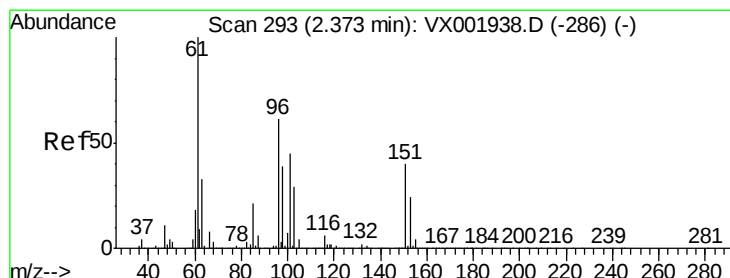
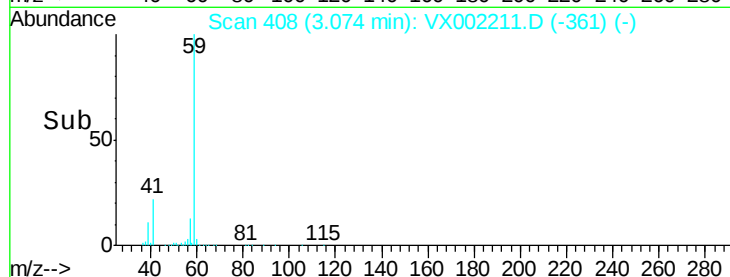
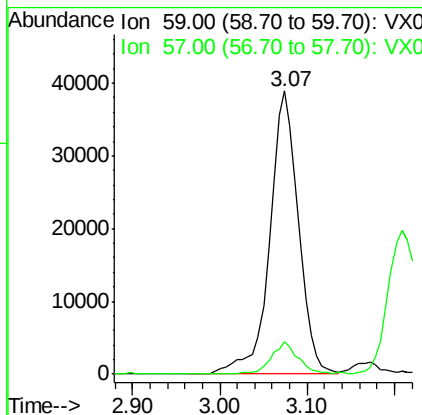
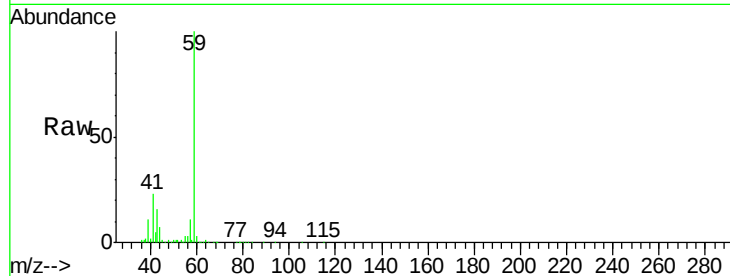
Tert butyl alcohol
Concen: 125.490 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.9	13.3

Manual Integrations
APPROVED

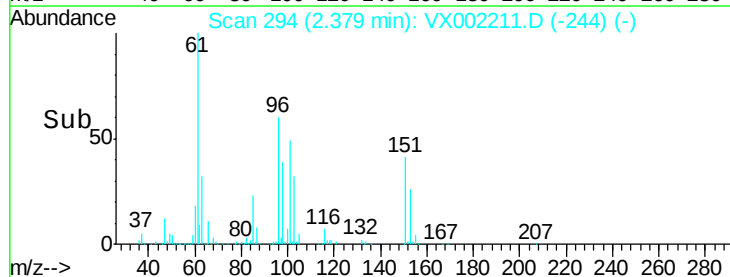
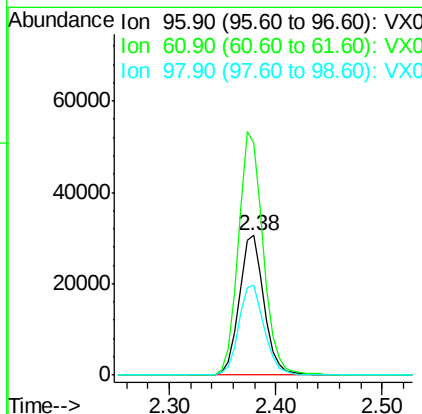
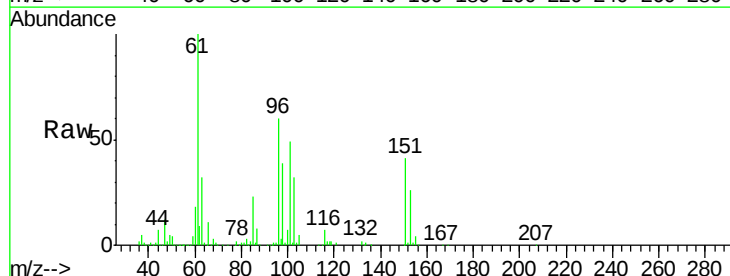
MMDadoda
6/1/2018 6:37:18 PM

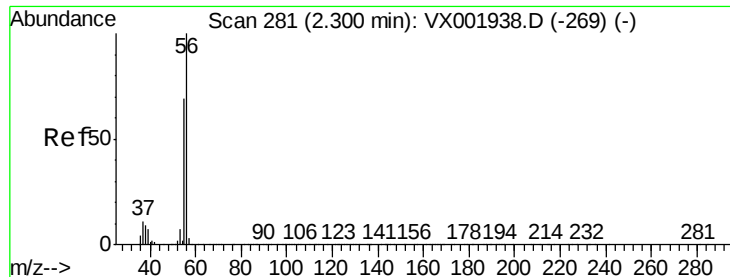


#12

1,1-Dichloroethene
Concen: 21.110 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	131.7	197.5
98	64.8	51.6	77.4





#13

Acrolein

Concen: 86.608 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 56 Resp: 26772

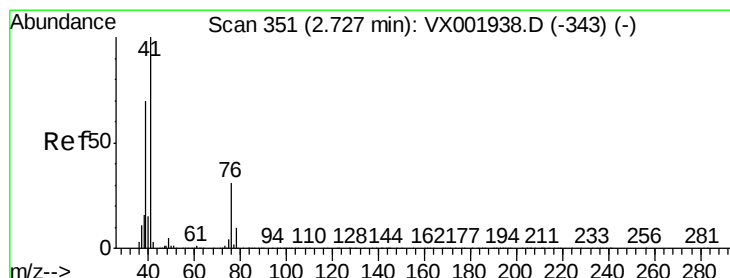
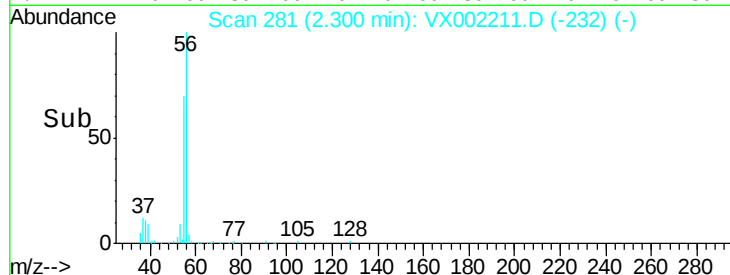
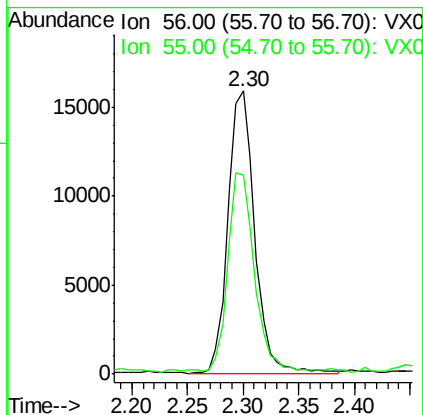
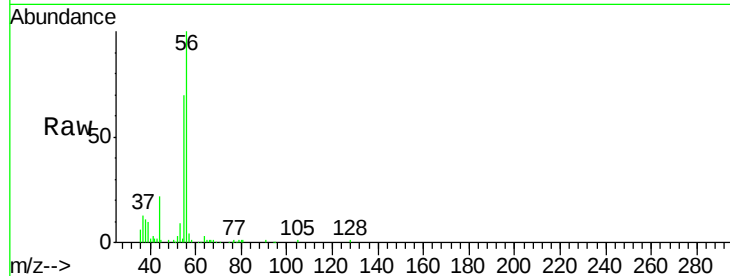
Ion Ratio Lower Upper

56 100

55 68.3 56.8 85.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#14

Allyl chloride

Concen: 21.998 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

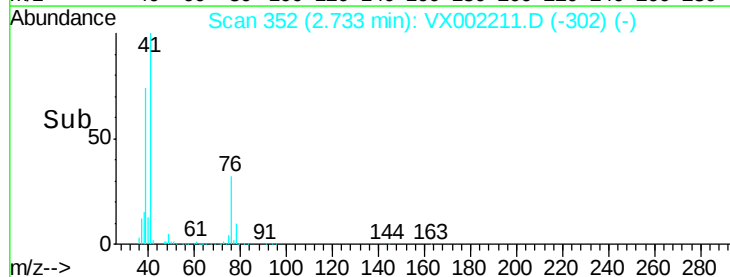
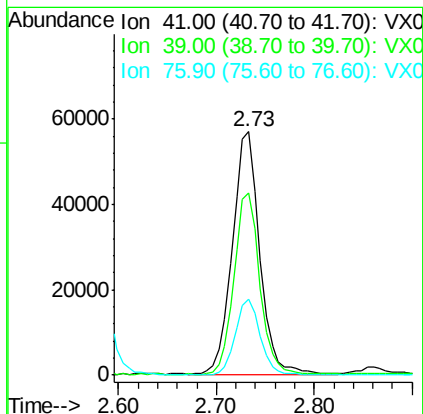
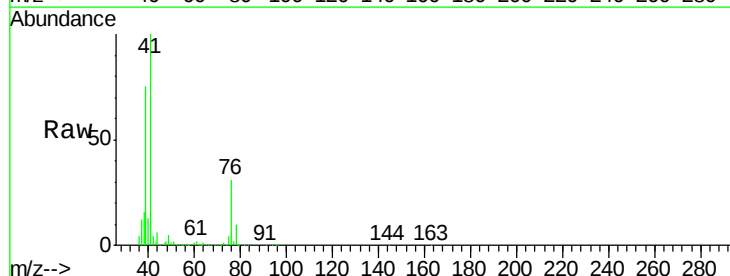
Tgt Ion: 41 Resp: 109666

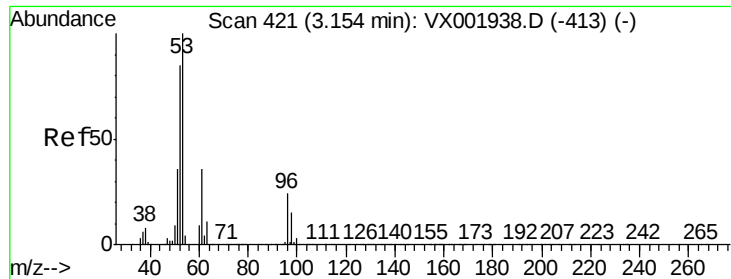
Ion Ratio Lower Upper

41 100

39 70.8 54.3 81.5

76 28.8 24.2 36.4





#15

Acrylonitrile

Concen: 120.448 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

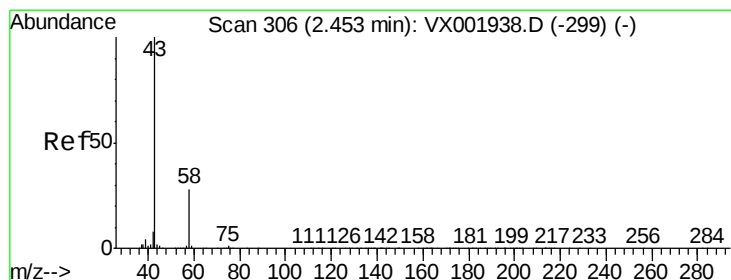
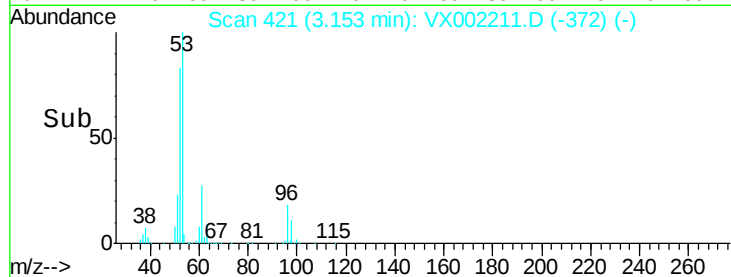
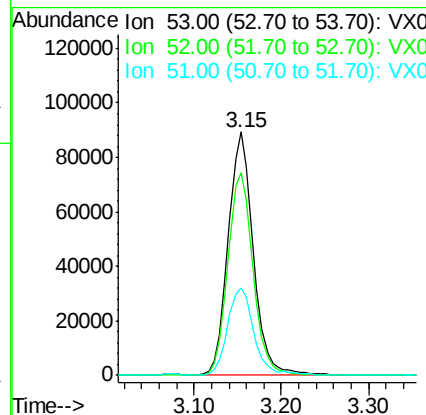
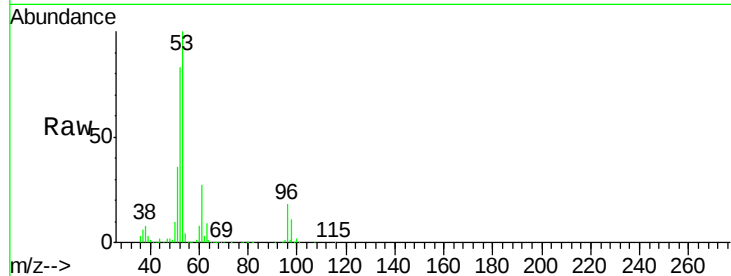
ClientSampleId :

VX0531WBS06

Tot Ion:	53	Resp:	177081
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.4	99.6
51	38.0	29.3	43.9

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#16

Acetone

Concen: 140.562 ug/l

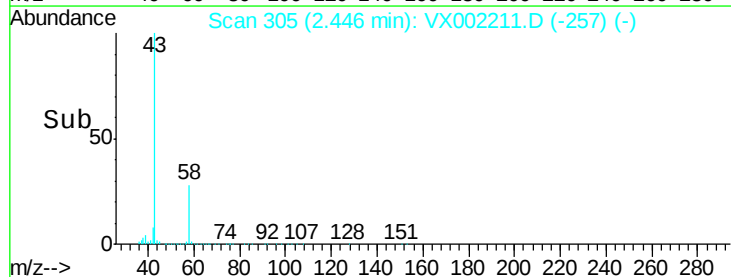
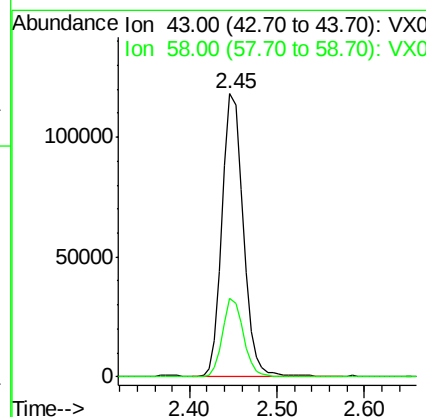
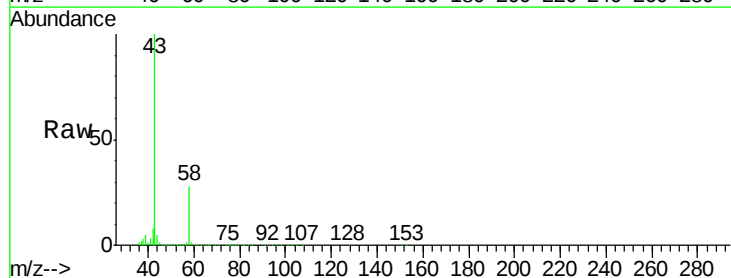
RT: 2.45 min Scan# 305

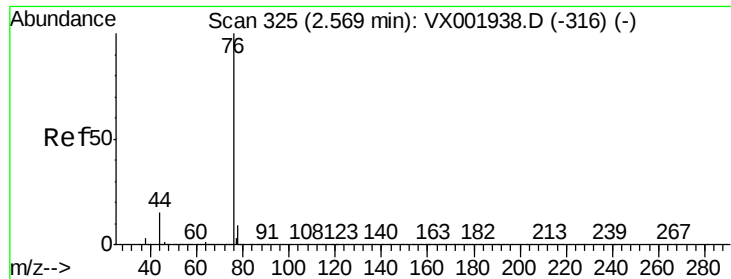
Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	43	Resp:	197580
Ion Ratio	Lower	Upper	
43	100		
58	27.6	22.3	33.5





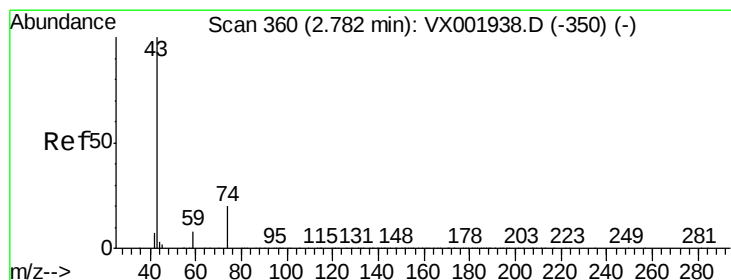
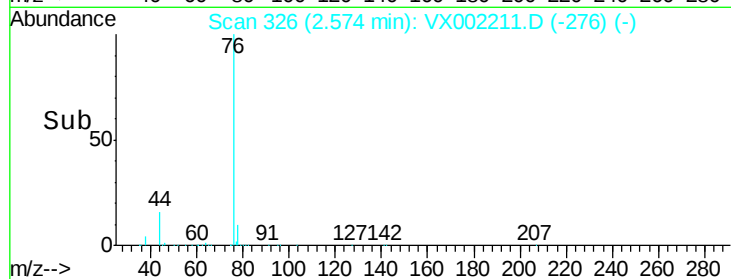
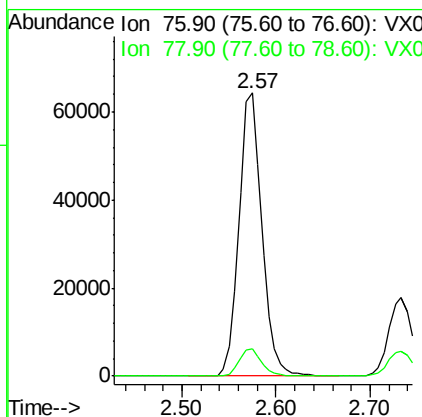
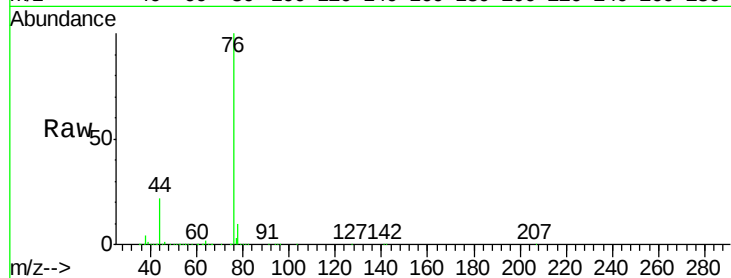
#17
Carbon Disulfide
Concen: 15.980 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.4	11.2

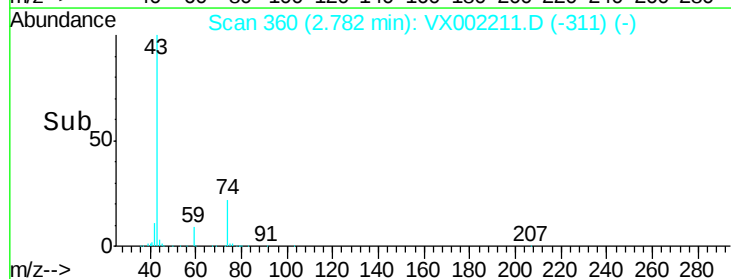
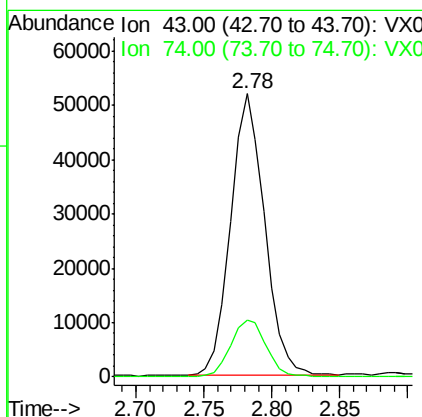
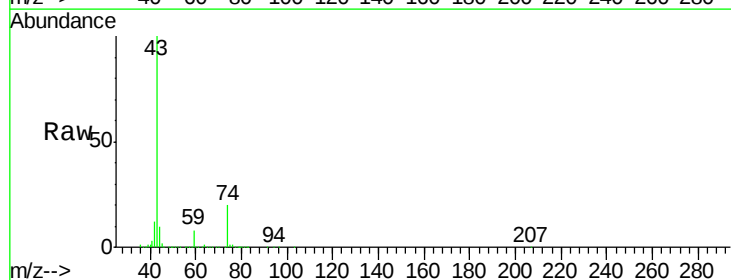
Manual Integrations
APPROVED

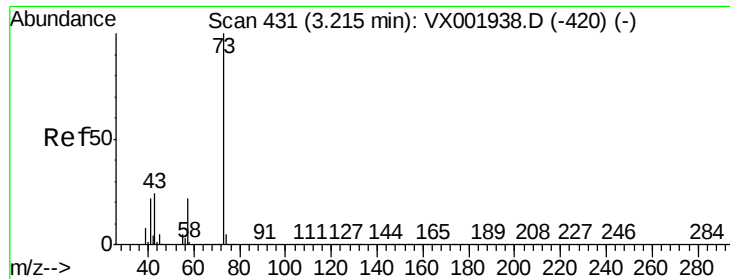
MMDadoda
6/1/2018 6:37:18 PM



#18
Methyl Acetate
Concen: 26.087 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.8	16.8	25.2





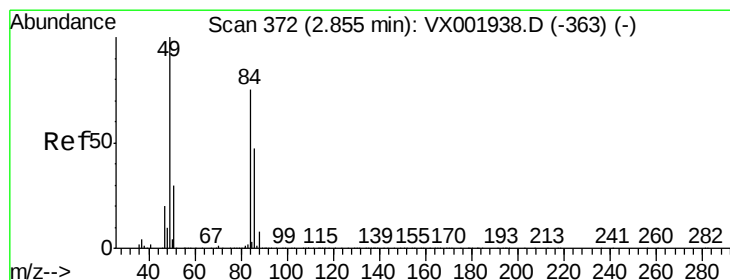
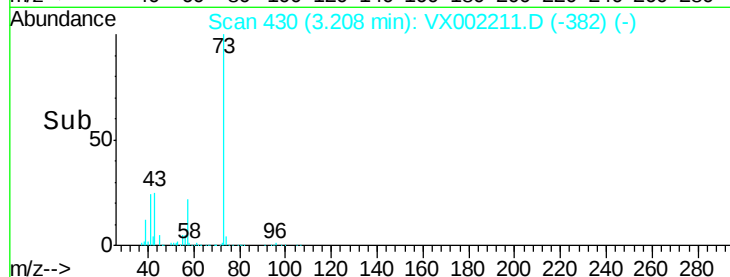
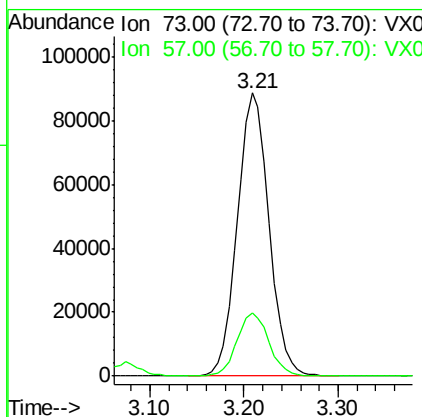
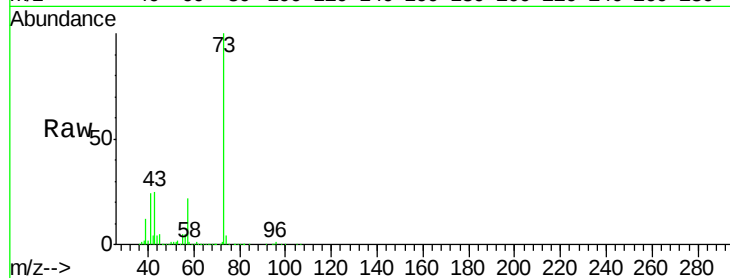
#19
Methvl tert-butvl Ether
Concen: 23.259 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion: 73 Resp: 207766
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.0

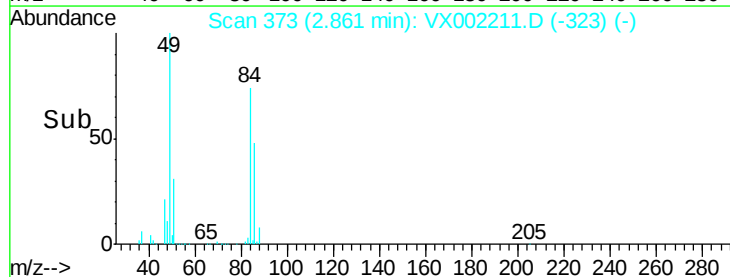
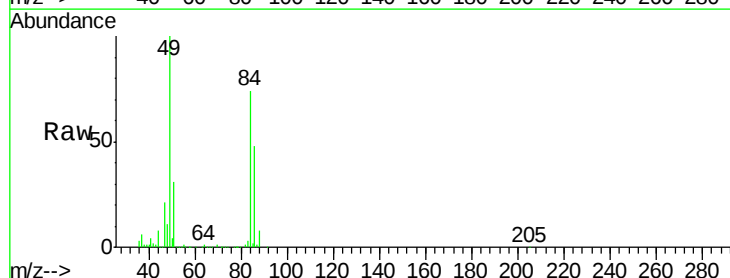
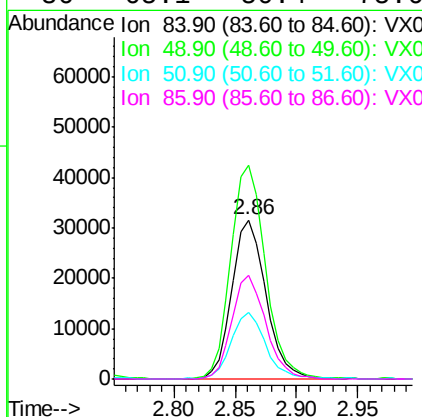
Manual Integrations
APPROVED

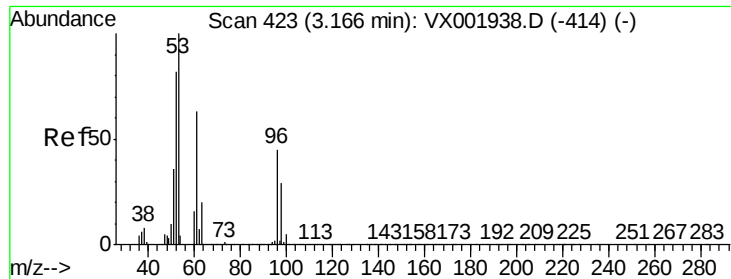
MMDadoda
6/1/2018 6:37:18 PM



#20
Methylene Chloride
Concen: 24.243 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 84 Resp: 61094
Ion Ratio Lower Upper
84 100
49 134.4 107.2 160.8
51 41.8 32.4 48.6
86 65.1 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 23.061 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

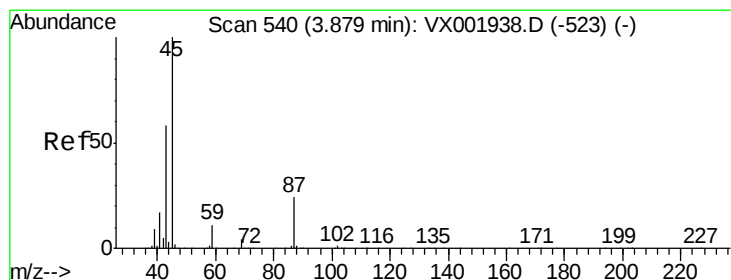
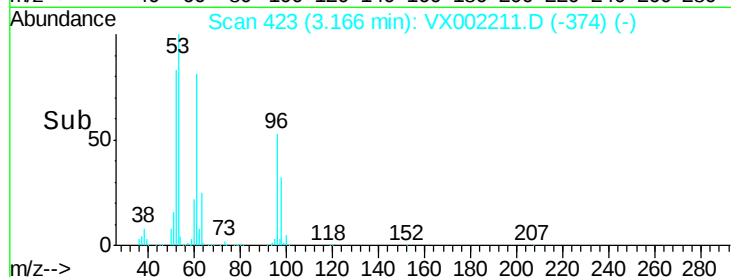
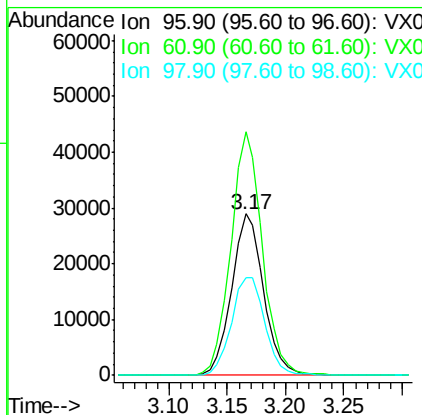
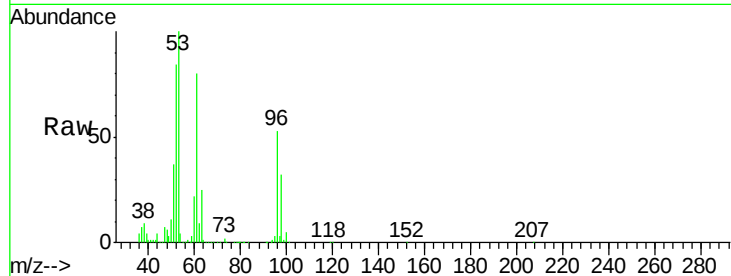
ClientSampleId :

VX0531WBS06

Tot Ion:	96	Resp:	55289
Ion	Ratio	Lower	Upper
96	100		
61	150.7	113.3	169.9
98	60.7	51.7	77.5

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#22

Diisopropyl ether

Concen: 19.624 ug/l

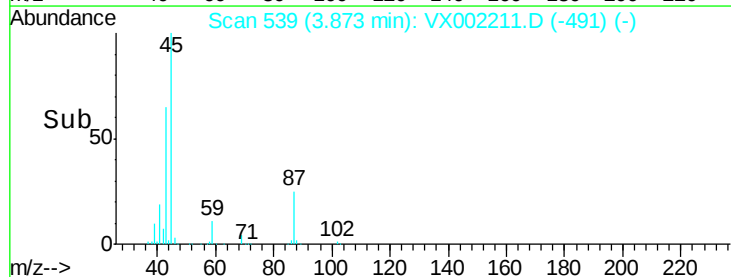
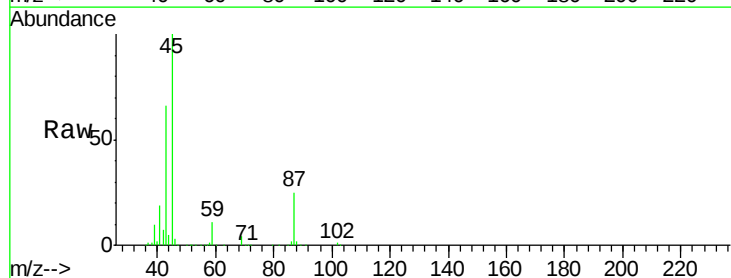
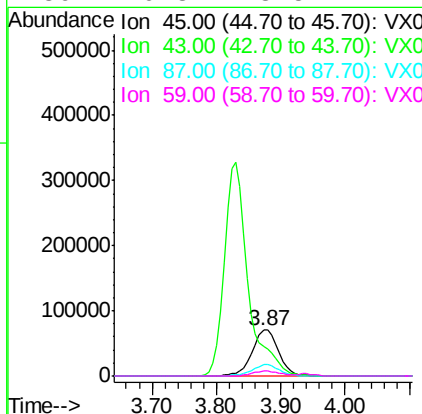
RT: 3.87 min Scan# 539

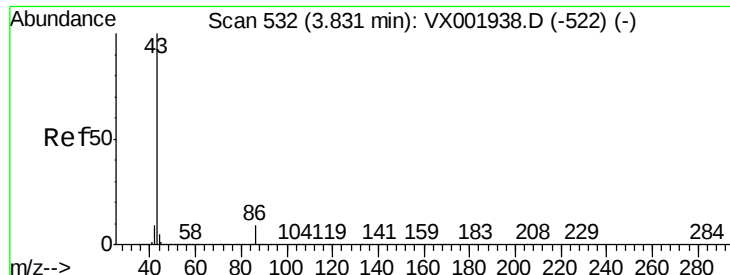
Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	45	Resp:	199001
Ion	Ratio	Lower	Upper
45	100		
43	65.4	47.0	70.6
87	24.5	19.4	29.0
59	10.8	8.5	12.7





#23

Vinyl Acetate

Concen: 101.355 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 43 Resp: 852151

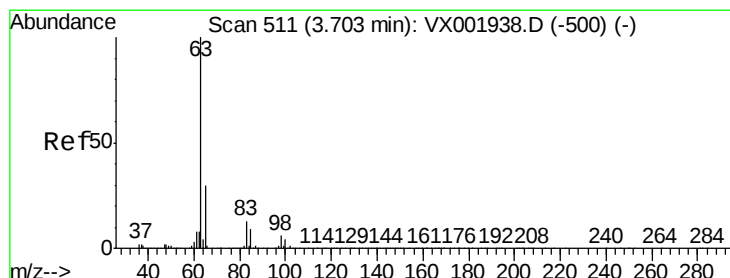
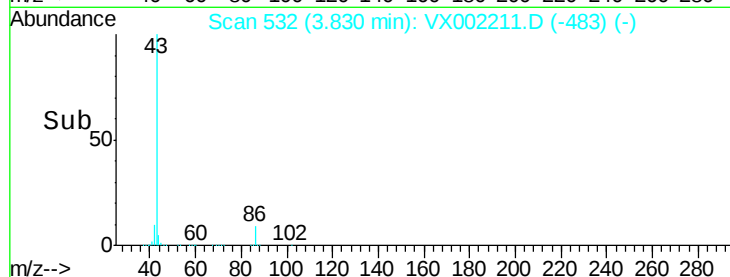
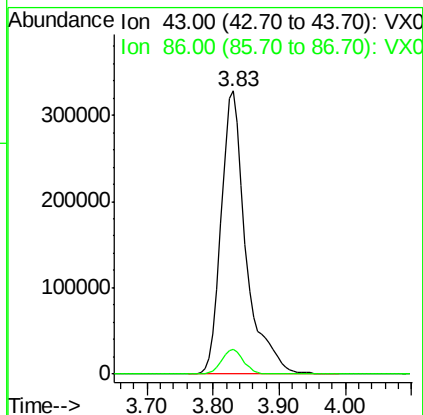
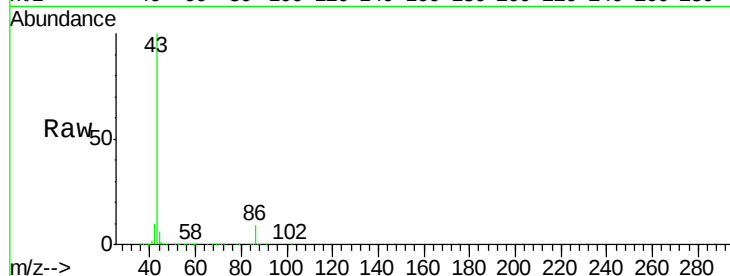
Ion Ratio Lower Upper

43 100

86 8.8 7.6 11.4

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#24

1,1-Dichloroethane

Concen: 23.357 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

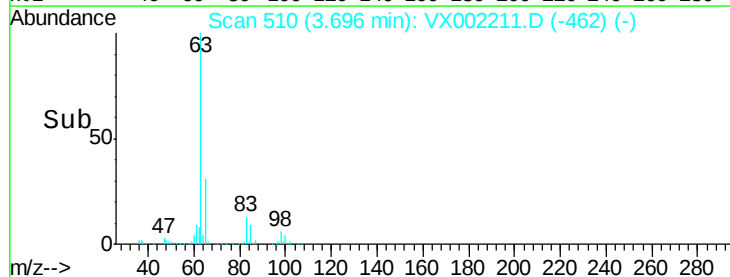
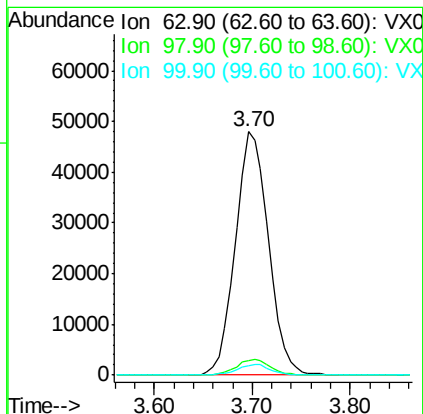
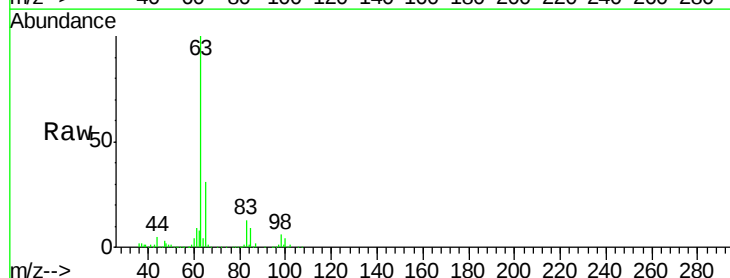
Tgt Ion: 63 Resp: 112511

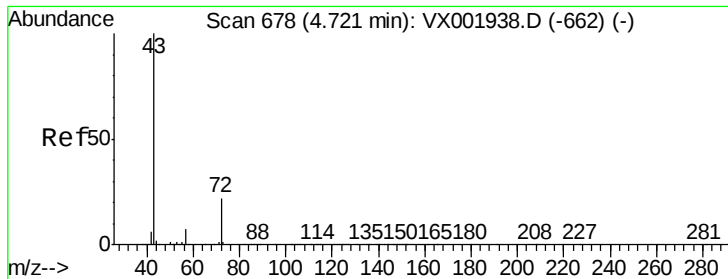
Ion Ratio Lower Upper

63 100

98 6.1 3.3 9.8

100 4.0 2.1 6.5





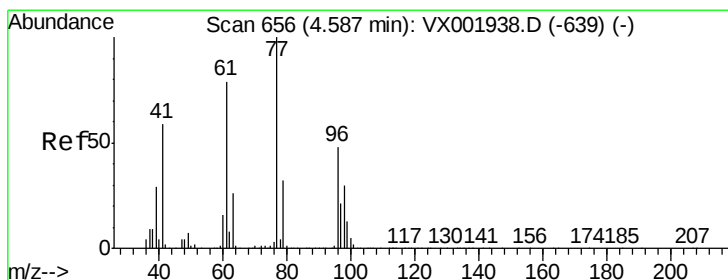
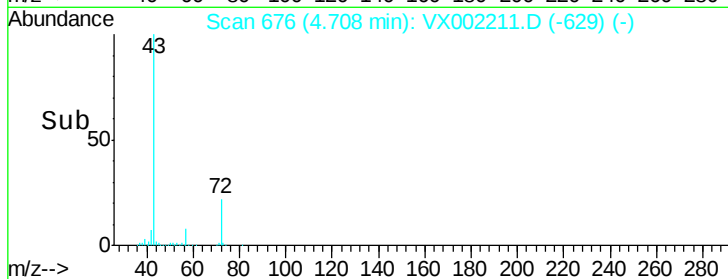
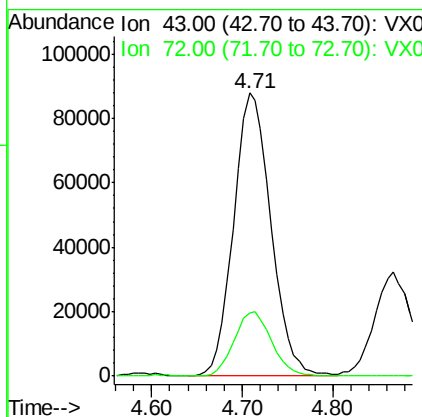
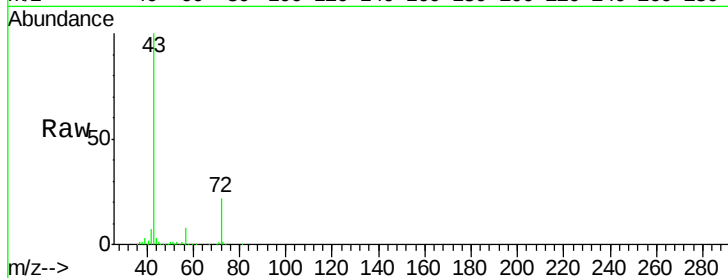
#25
2-Butanone
Concen: 97.099 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion: 43 Resp: 250154
Ion Ratio Lower Upper
43 100
72 22.4 17.9 26.9

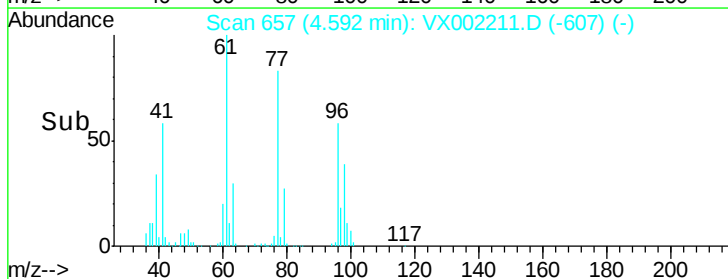
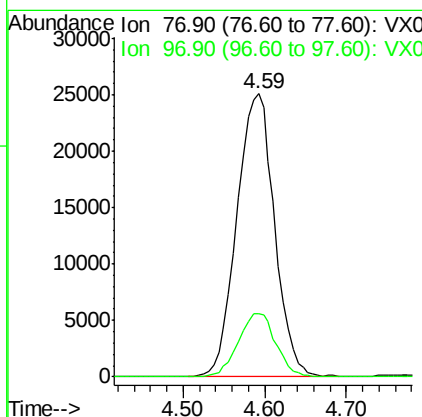
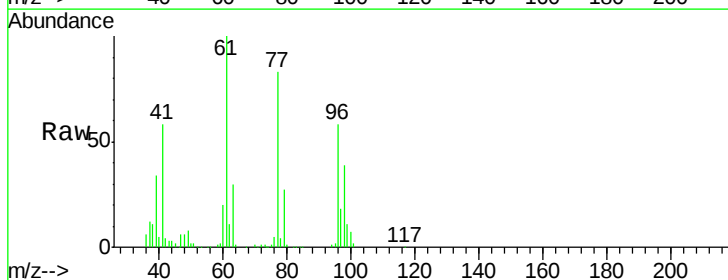
Manual Integrations
APPROVED

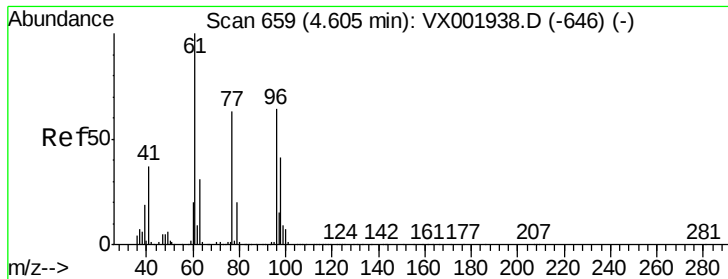
MMDadoda
6/1/2018 6:37:18 PM



#26
2,2-Dichloropropane
Concen: 16.478 ug/l
RT: 4.59 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion: 77 Resp: 80341
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27

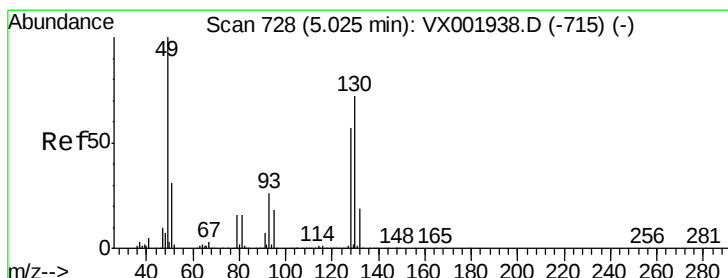
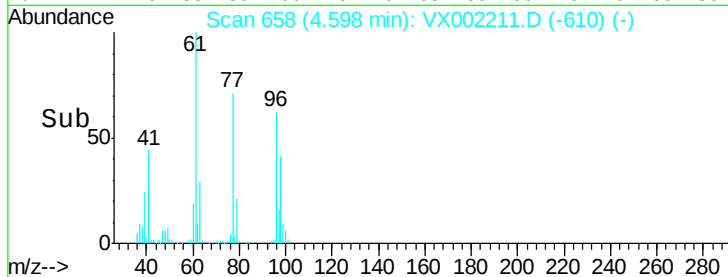
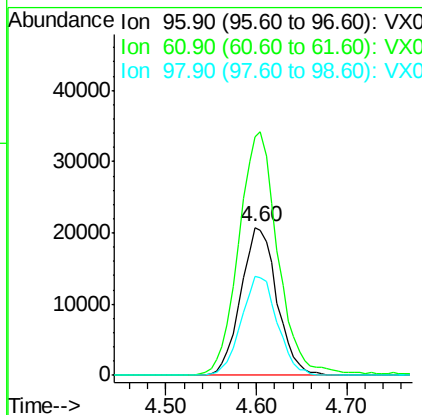
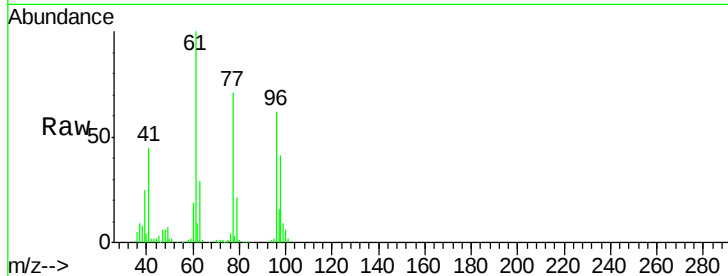
cis-1,2-Dichloroethene
Concen: 18.498 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
96	100		
61	179.6	0.0	348.4
98	67.0	0.0	128.6

Manual Integrations
APPROVED

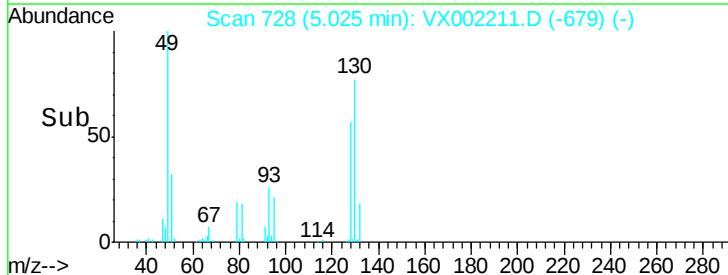
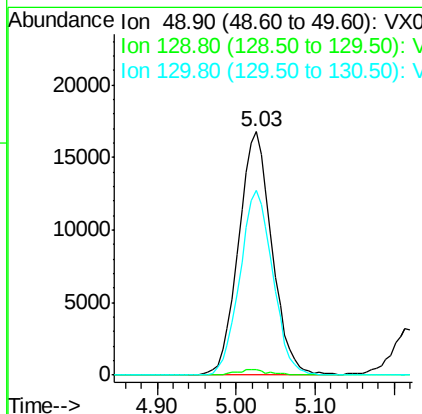
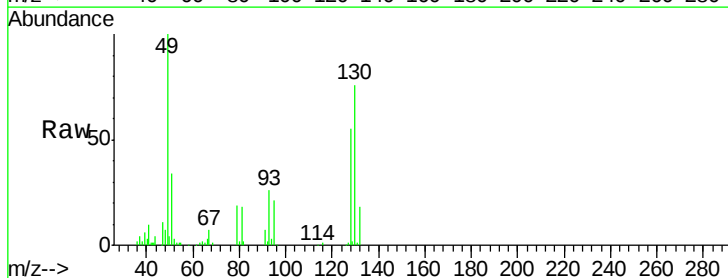
MMDadoda
6/1/2018 6:37:18 PM

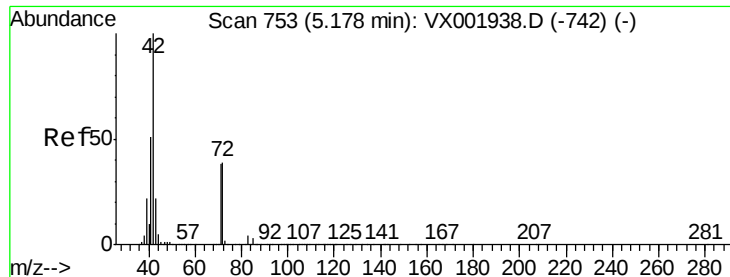


#28

Bromochloromethane
Concen: 23.271 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	74.7	59.4	89.2





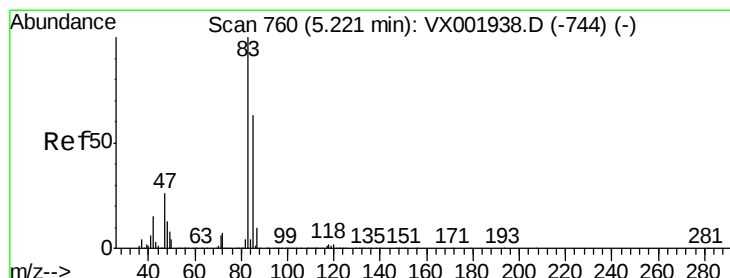
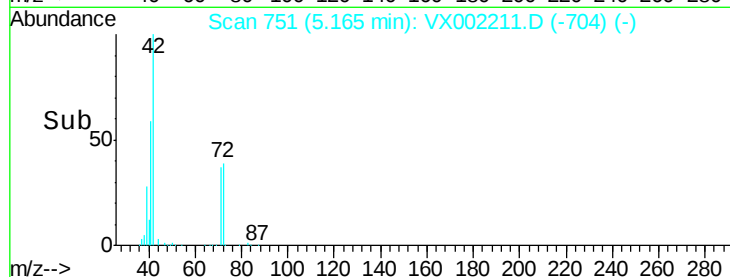
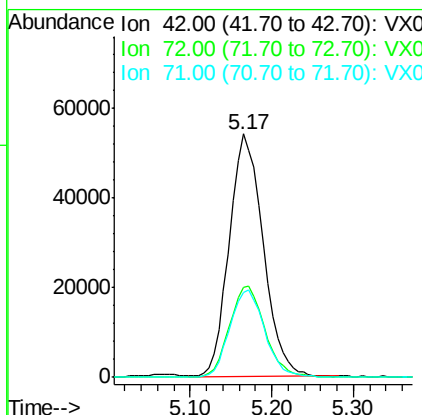
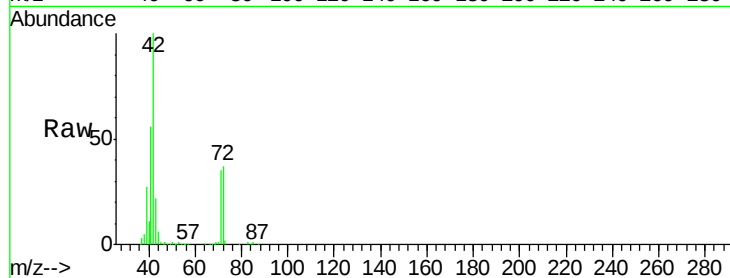
#29
Tetrahydrofuran
Concen: 93.137 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	39.4	31.4	47.0
71	37.3	29.5	44.3

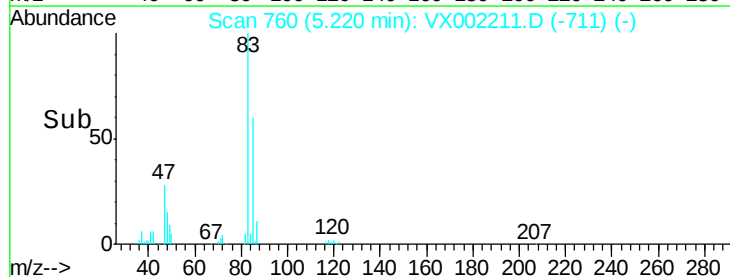
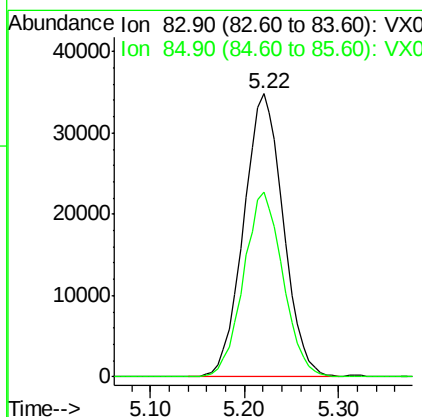
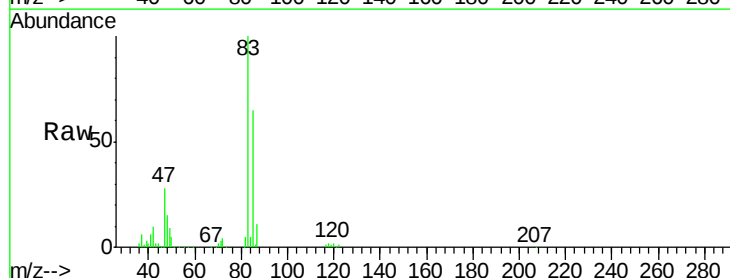
Manual Integrations
APPROVED

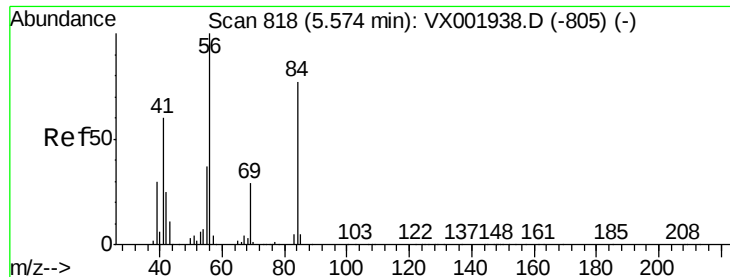
MMDadoda
6/1/2018 6:37:18 PM



#30
Chloroform
Concen: 18.931 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	65.1	50.9	76.3





#31

Cyclohexane

Concen: 17.502 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

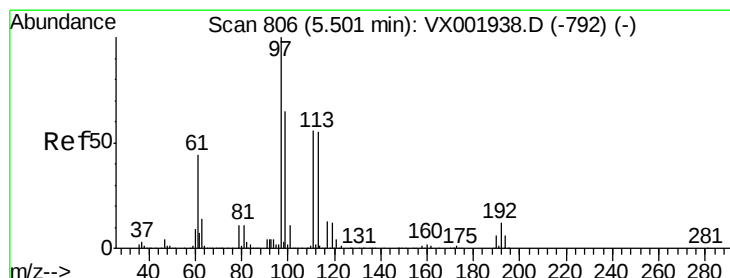
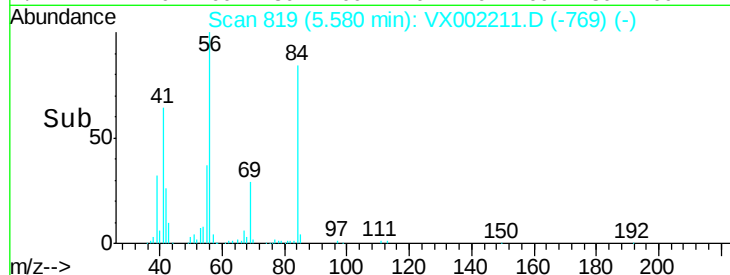
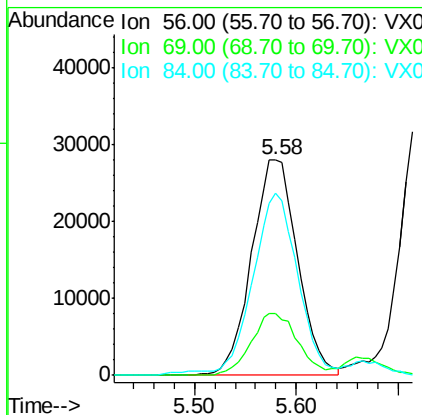
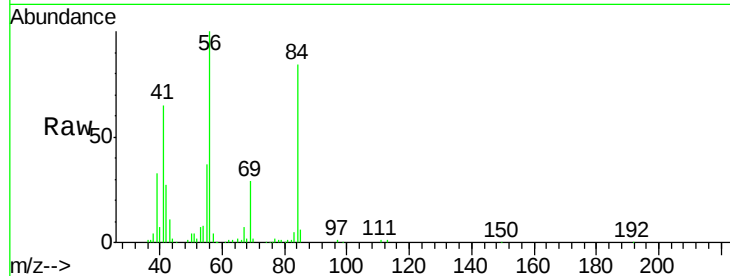
ClientSampleId :

VX0531WBS06

Tot Ion:	56	Resp:	87835
Ion	Ratio	Lower	Upper
56	100		
69	28.5	23.1	34.7
84	82.5	62.0	93.0

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#32

1,1,1-Trichloroethane

Concen: 17.021 ug/l

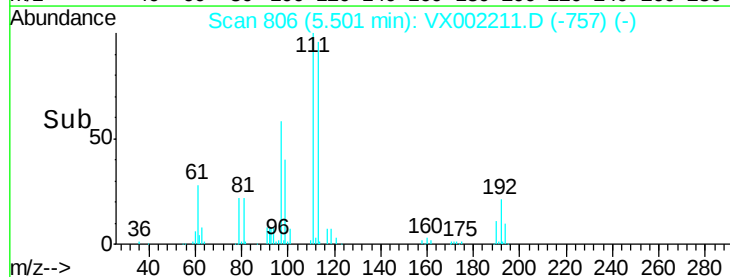
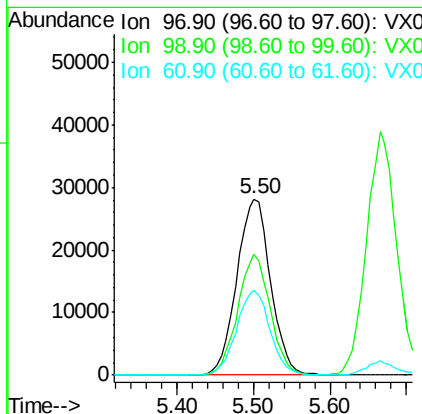
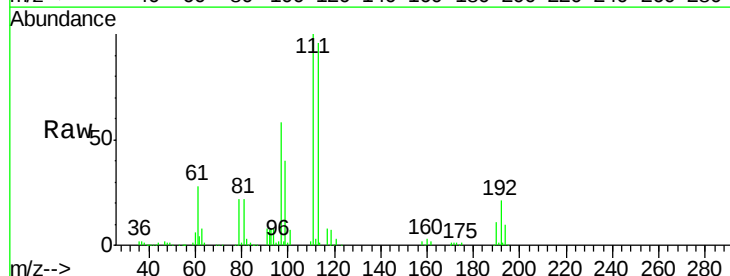
RT: 5.50 min Scan# 806

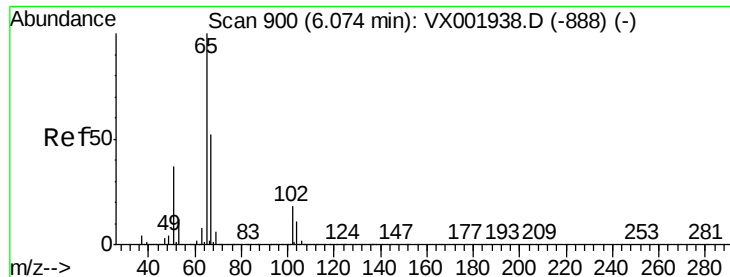
Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	97	Resp:	86115
Ion	Ratio	Lower	Upper
97	100		
99	65.9	51.9	77.9
61	47.7	35.9	53.9





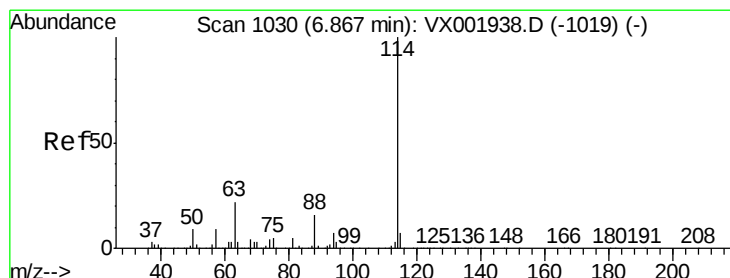
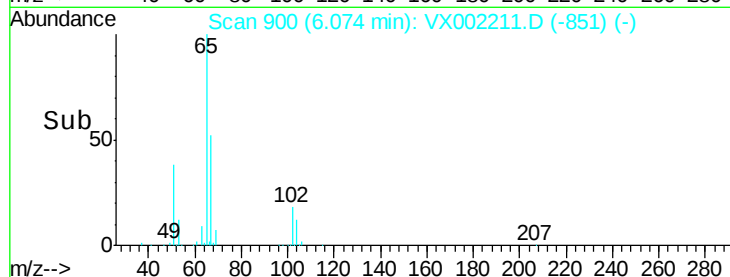
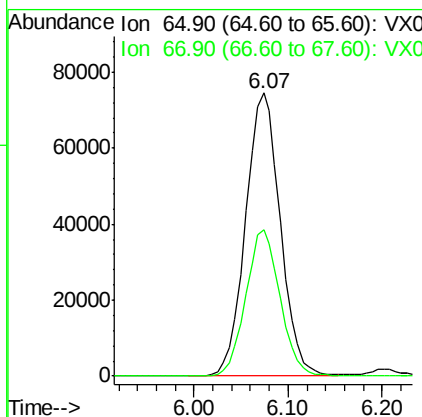
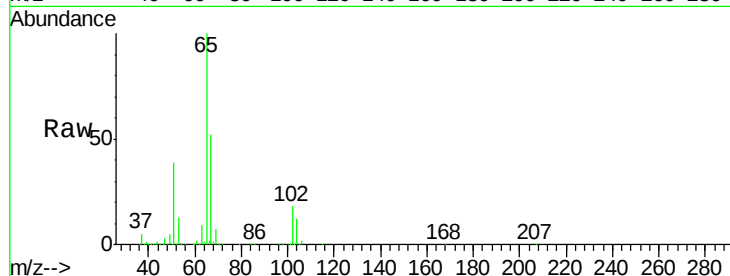
#33
 1,2-Dichloroethane-d4
 Concen: 52.935 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Resp	Lower	Upper
65	100	192800		
67	51.0	0.0	0.0	104.0

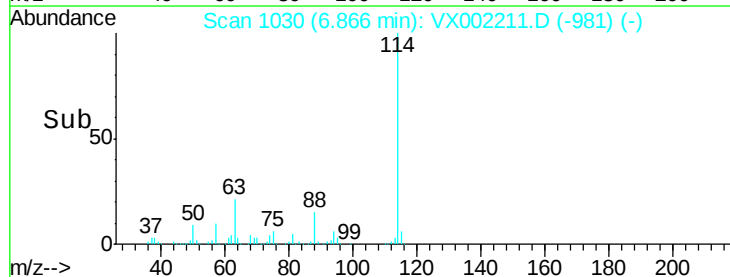
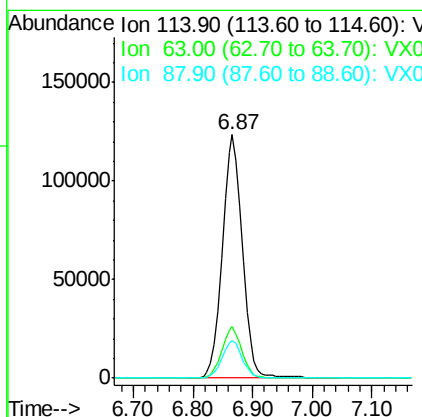
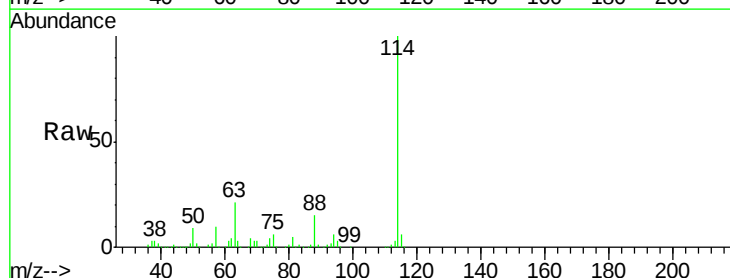
Manual Integrations
 APPROVED

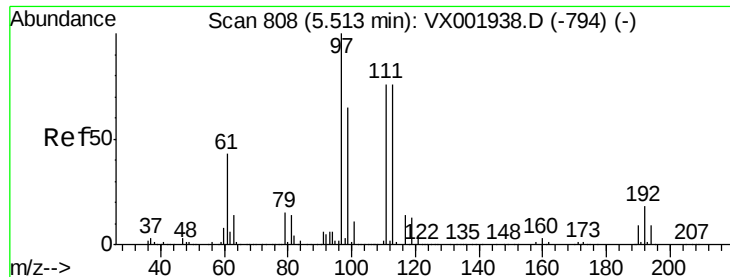
MMDadoda
 6/1/2018 6:37:18 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	289152		
63	21.1	0.0	0.0	43.2
88	15.3	0.0	0.0	31.6





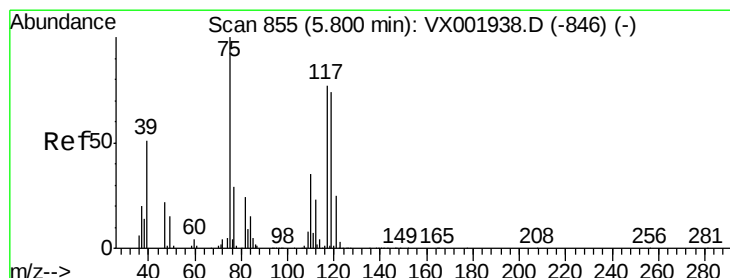
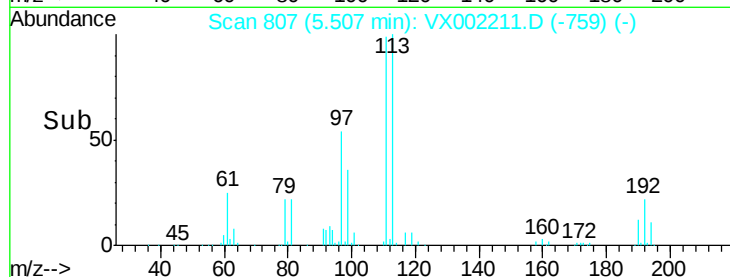
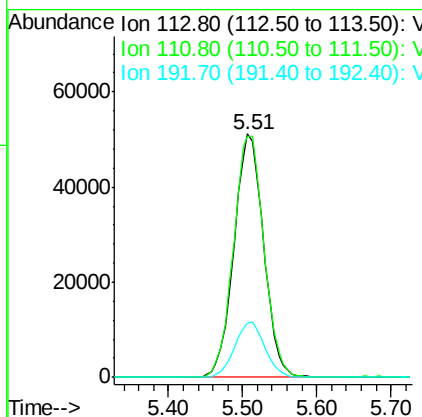
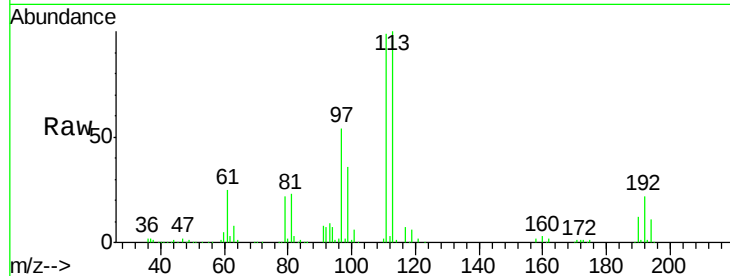
#35
 Dibromofluoromethane
 Concen: 49.307 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142572		
111	102.3	82.0	123.0	
192	23.1	18.9	28.3	

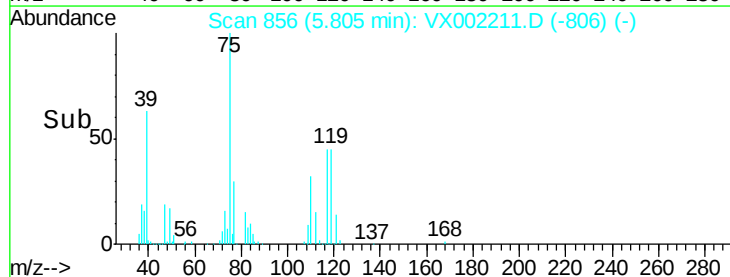
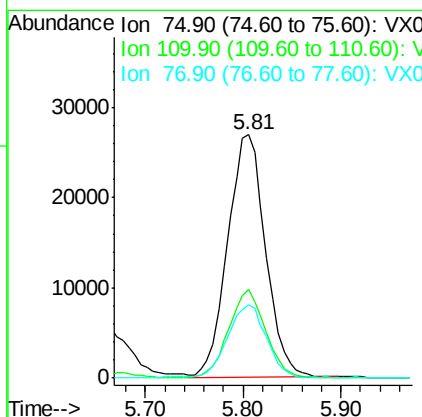
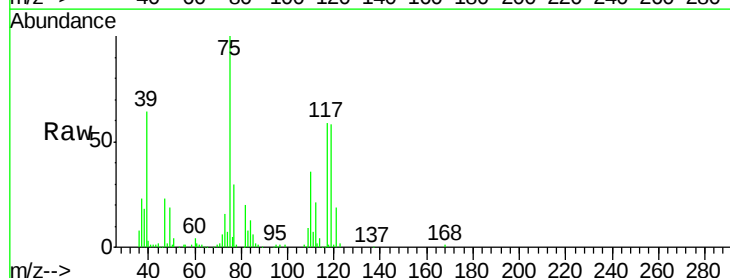
Manual Integrations
 APPROVED

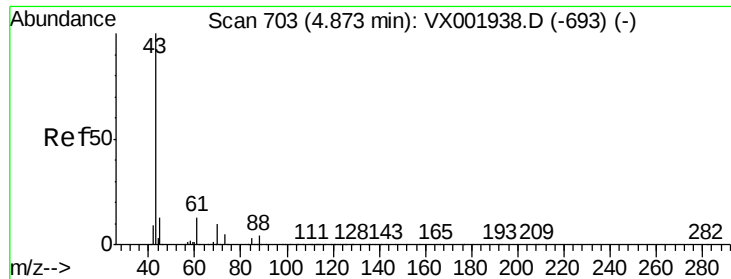
MMDadoda
 6/1/2018 6:37:18 PM



#36
 1,1-Dichloropropene
 Concen: 17.868 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	71864		
110	35.8	17.4	52.2	
77	30.7	24.4	36.6	





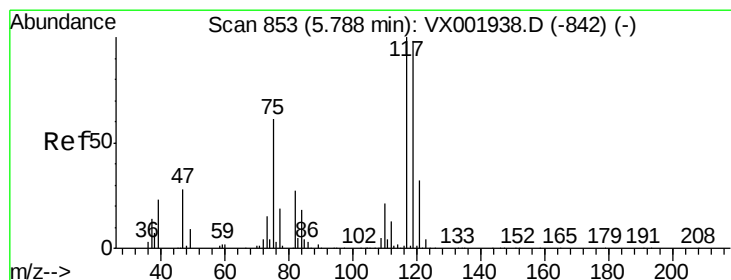
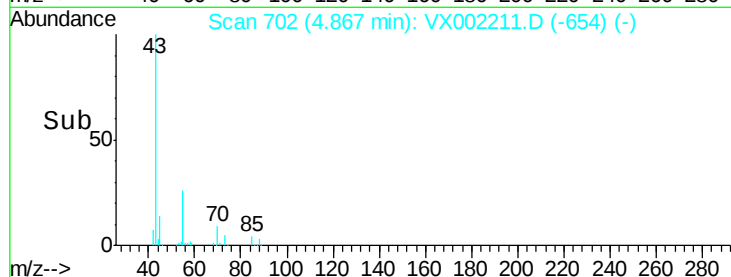
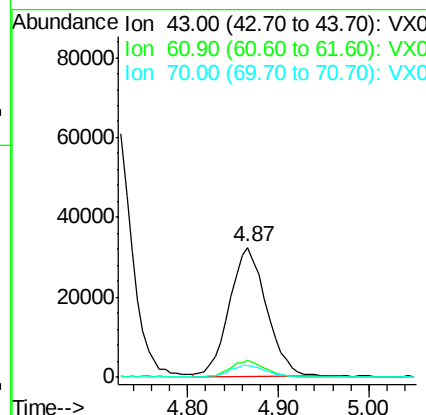
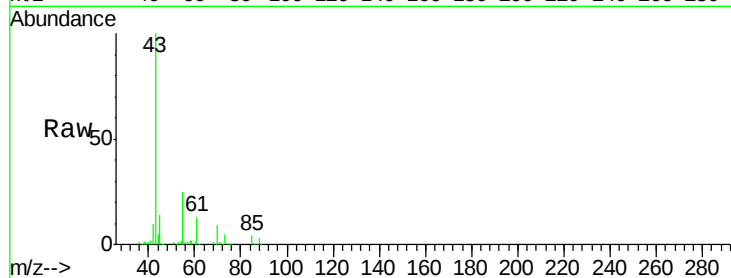
#37
Ethyl Acetate
Concen: 17.539 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.2	15.2
70	9.6	7.8	11.8

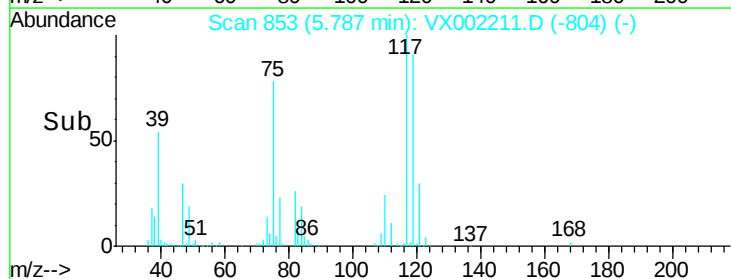
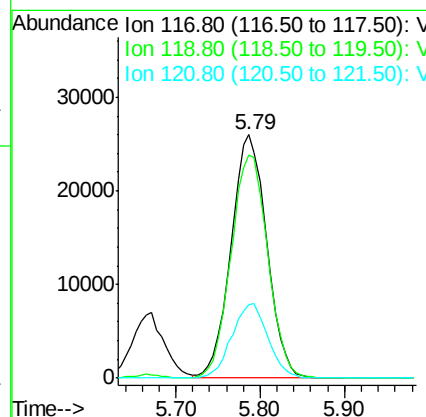
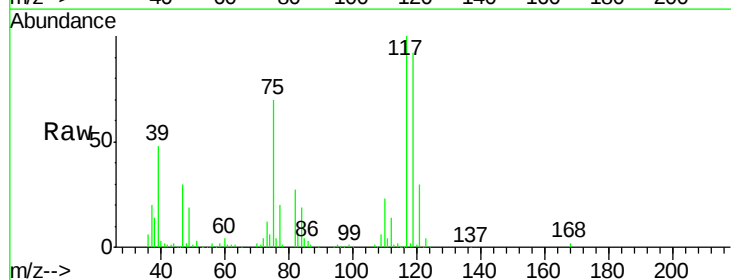
Manual Integrations
APPROVED

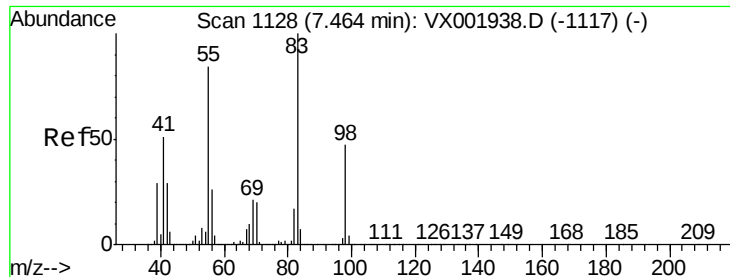
MMDadoda
6/1/2018 6:37:18 PM



#38
Carbon Tetrachloride
Concen: 15.922 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	78.5	117.7
121	30.2	25.5	38.3





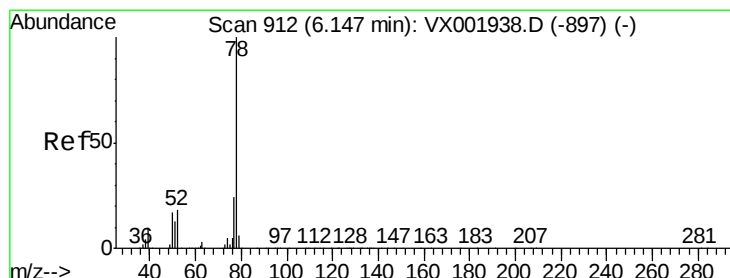
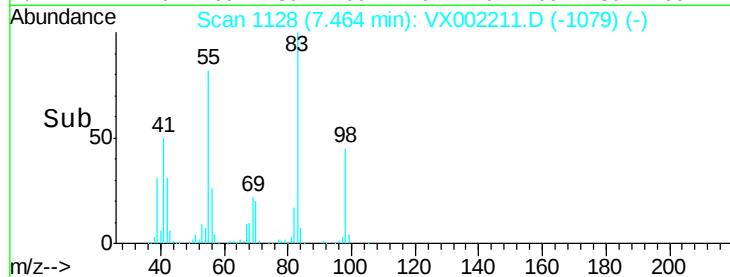
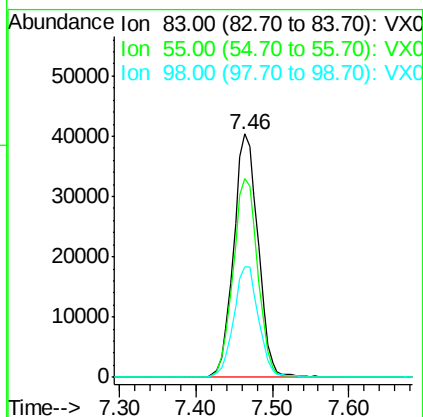
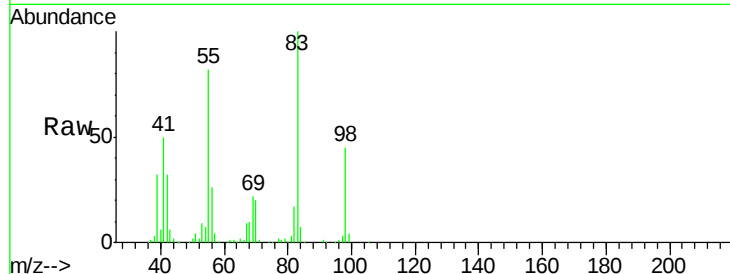
#39
Methvlcvclohexane
Concen: 18.112 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	67.3	100.9
98	45.4	37.5	56.3

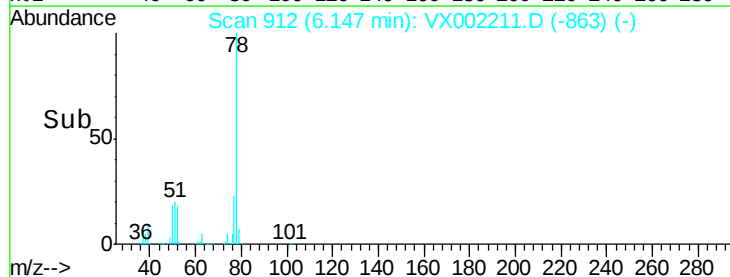
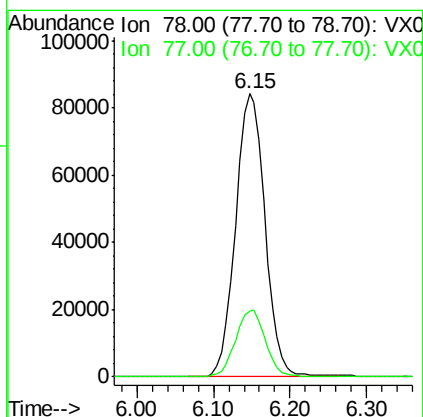
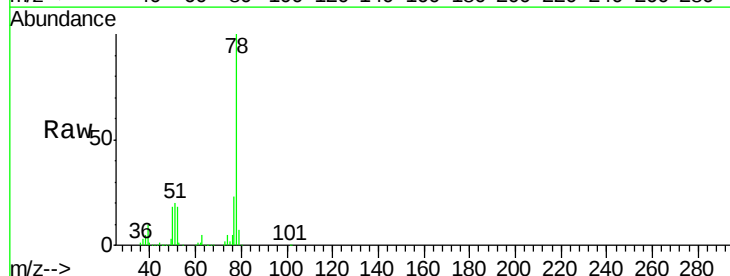
Manual Integrations
APPROVED

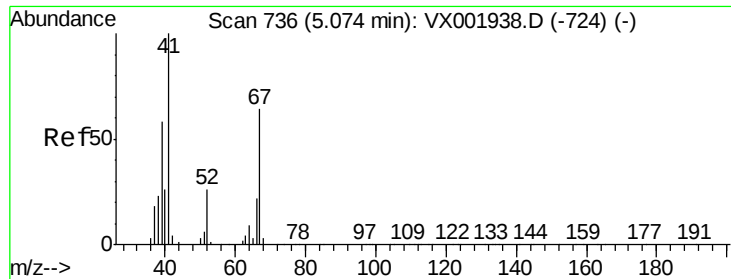
MMDadoda
6/1/2018 6:37:18 PM



#40
Benzene
Concen: 19.077 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





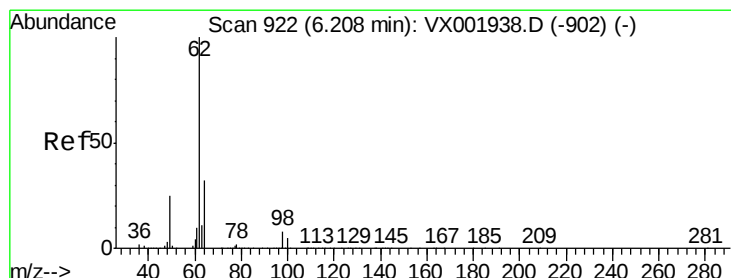
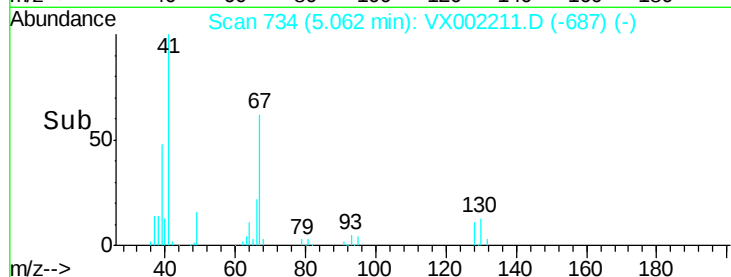
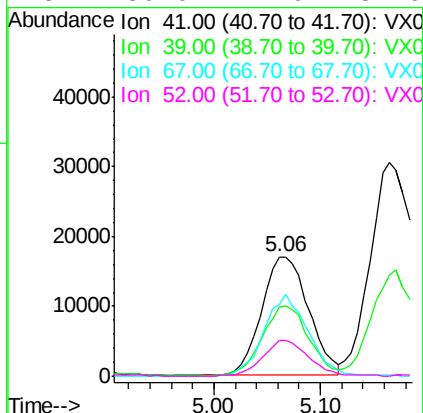
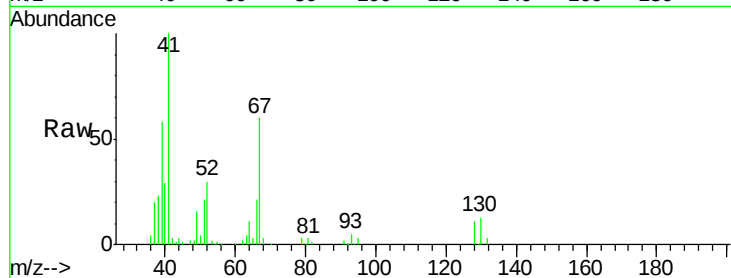
#41
Methacrylonitrile
Concen: 17.982 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.8	46.0	69.0
67	65.4	50.6	75.8
52	30.0	21.9	32.9

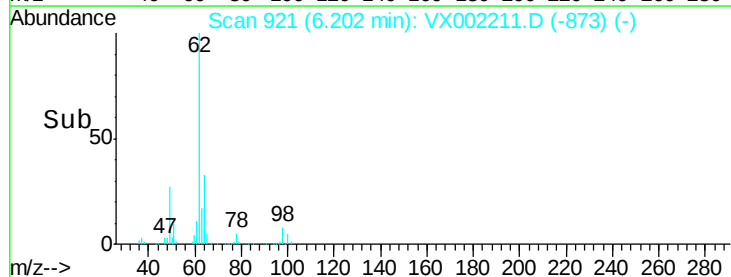
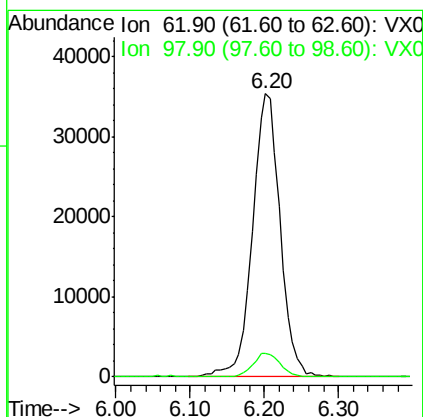
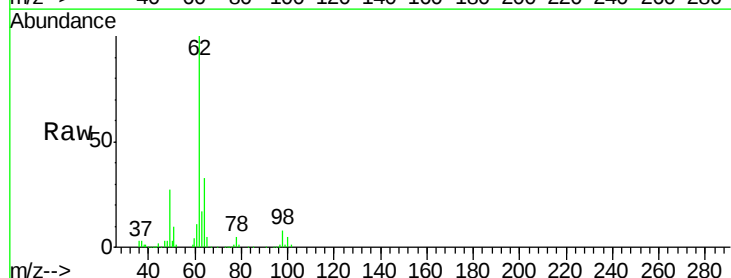
Manual Integrations
APPROVED

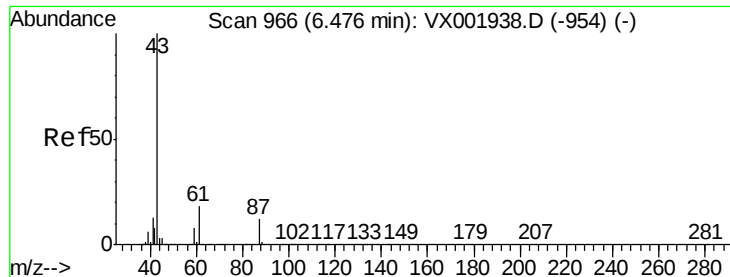
MMDadoda
6/1/2018 6:37:18 PM



#42
1,2-Dichloroethane
Concen: 19.564 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0





#43

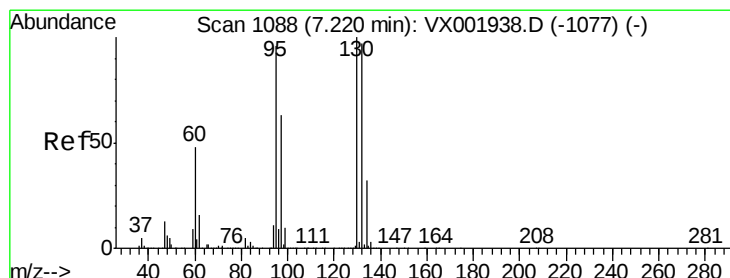
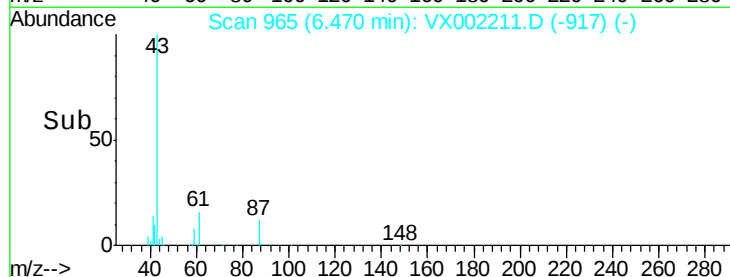
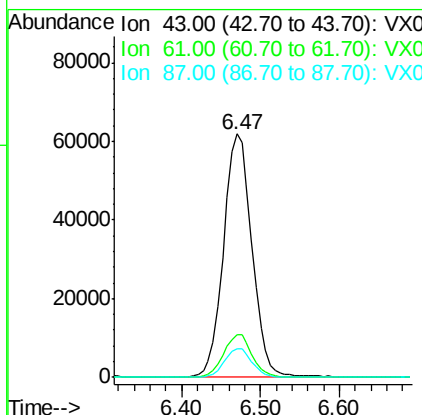
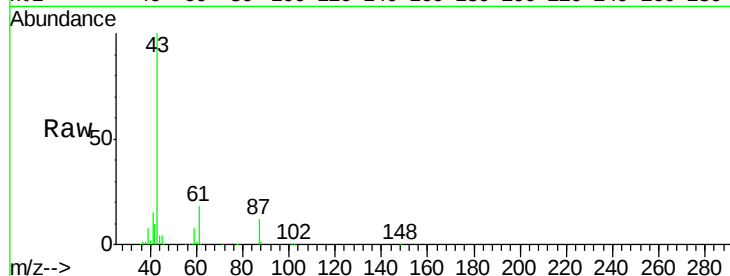
Isopropyl Acetate
 Concen: 17.698 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.6	14.5	21.7
87	11.6	9.5	14.3

Manual Integrations
 APPROVED

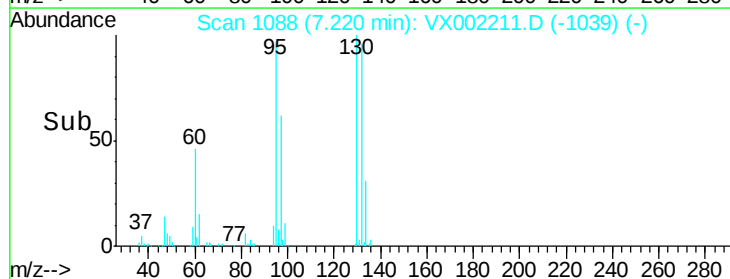
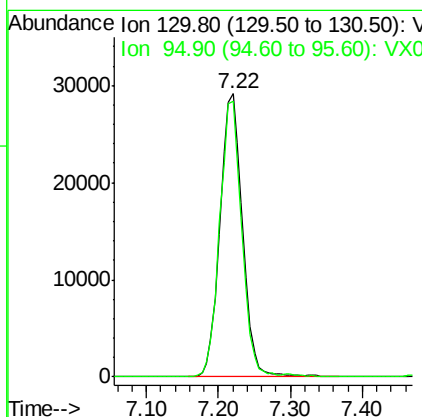
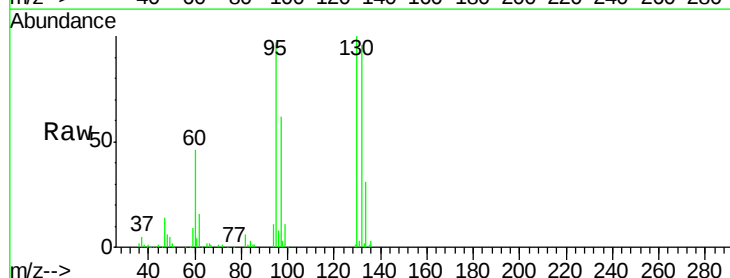
MMDadoda
 6/1/2018 6:37:18 PM

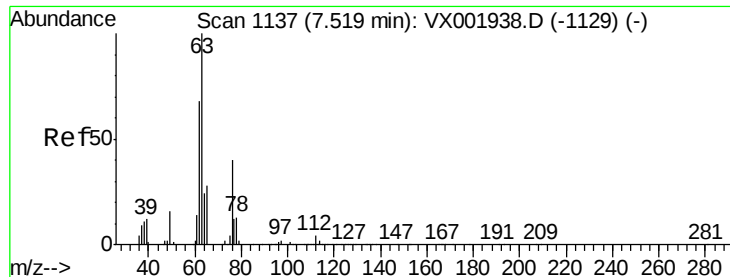


#44

Trichloroethene
 Concen: 18.528 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.126 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 63 Resp: 61203

Ion Ratio Lower Upper

63 100

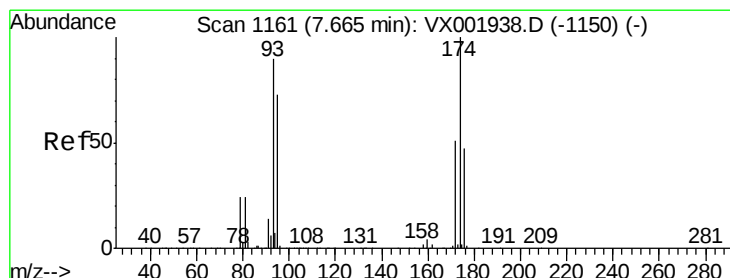
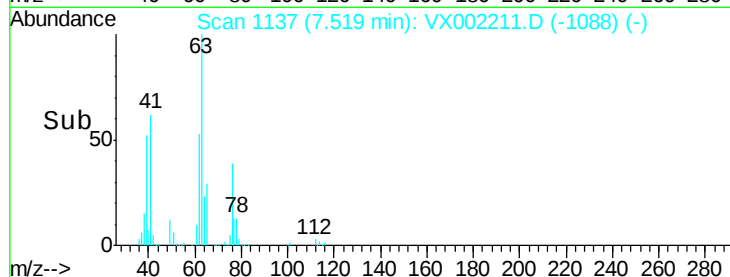
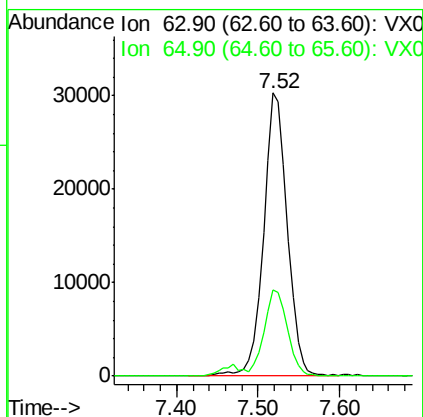
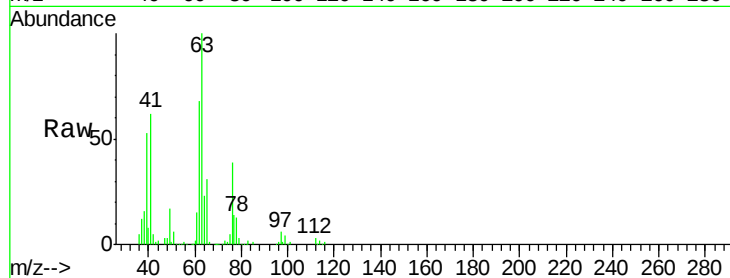
65 30.6 24.1 36.1

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:18 PM



#46

Dibromomethane

Concen: 19.095 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

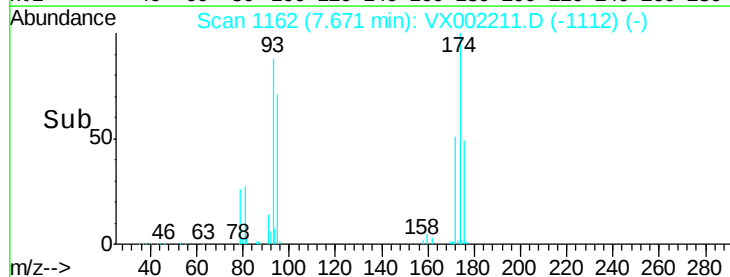
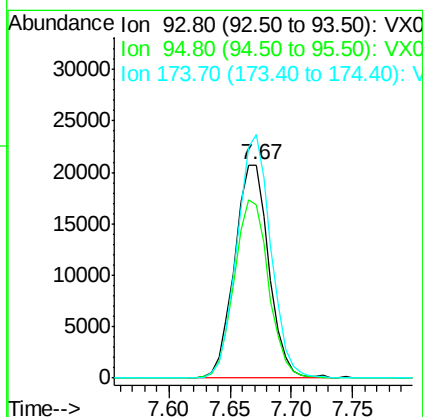
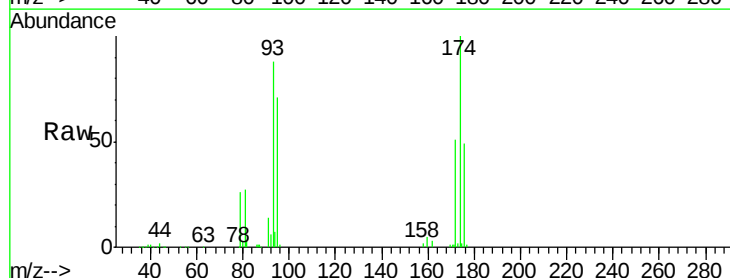
Tgt Ion: 93 Resp: 40455

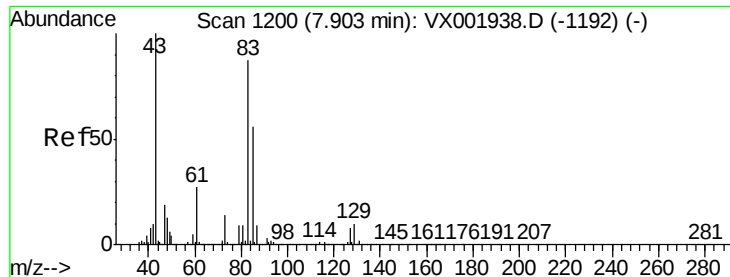
Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 112.2 92.5 138.7





#47

Bromodichloromethane

Concen: 15.791 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

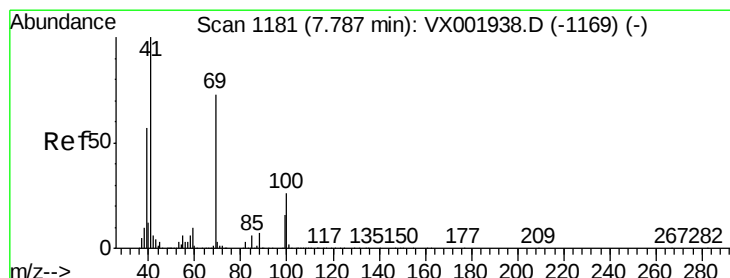
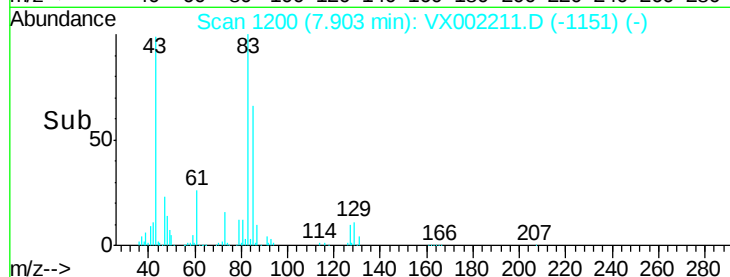
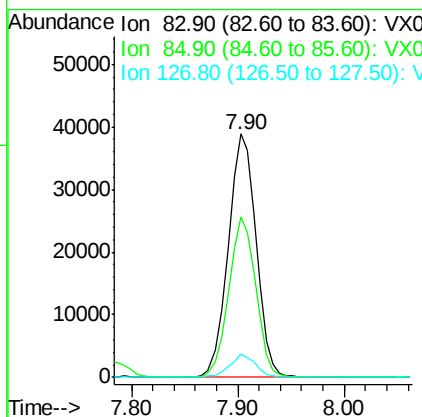
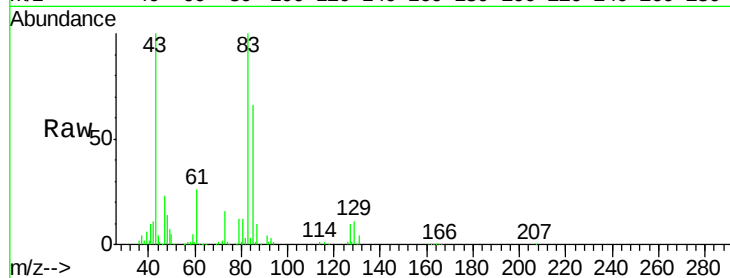
ClientSampleId :

VX0531WBS06

Tot Ion:	83	Resp:	71332
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.2
127	9.6	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#48

Methyl methacrylate

Concen: 17.750 ug/l

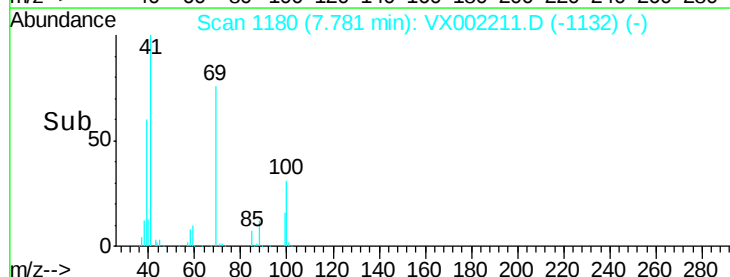
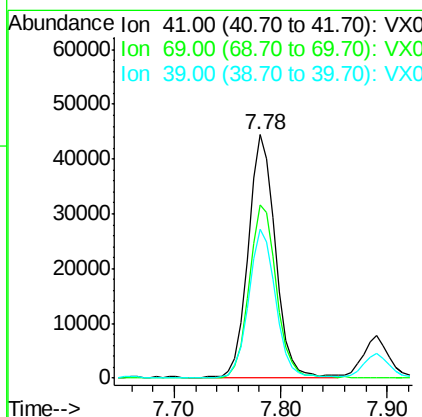
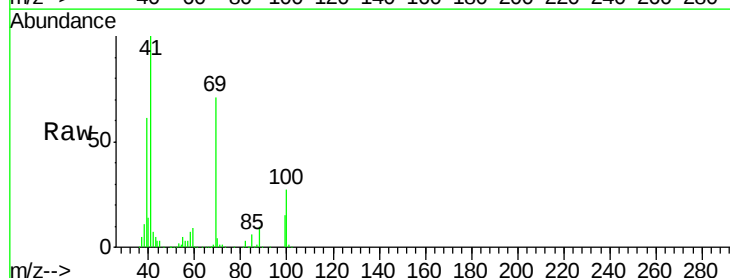
RT: 7.78 min Scan# 1180

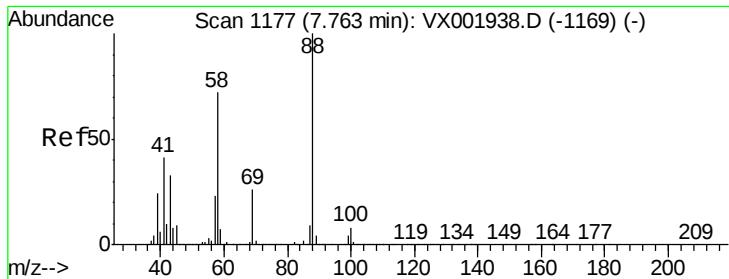
Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	41	Resp:	78927
Ion	Ratio	Lower	Upper
41	100		
69	72.8	58.6	87.8
39	60.5	46.3	69.5





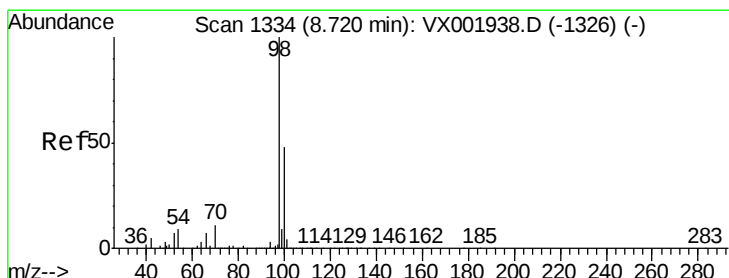
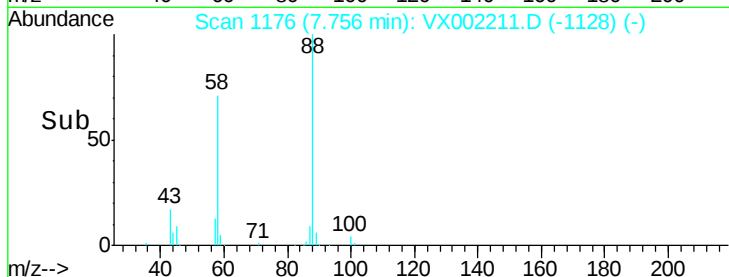
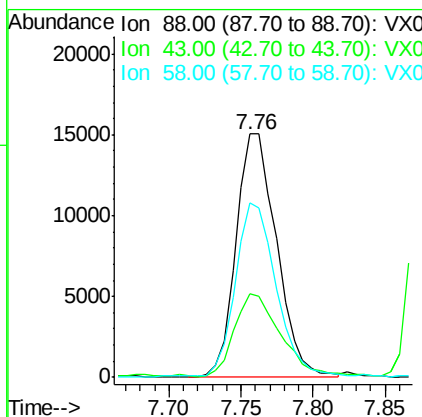
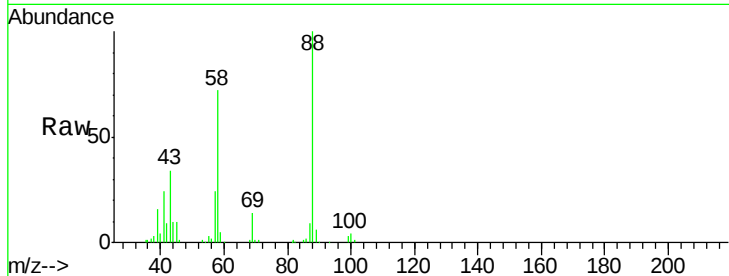
#49
1,4-Dioxane
Concen: 376.819 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.8	44.8
58	73.2	58.7	88.1

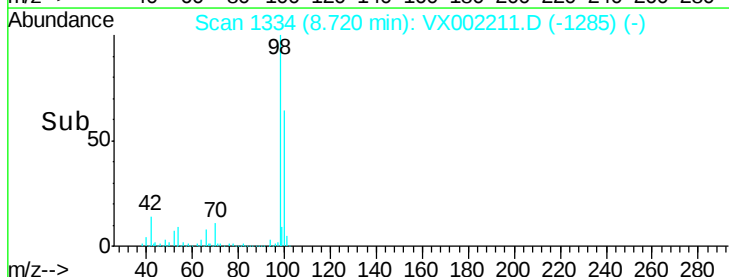
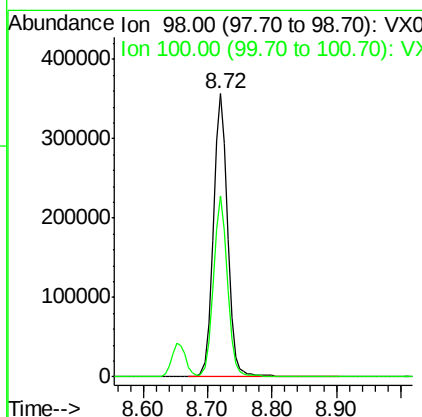
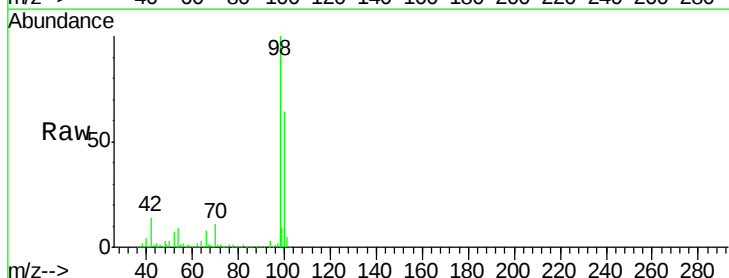
Manual Integrations
APPROVED

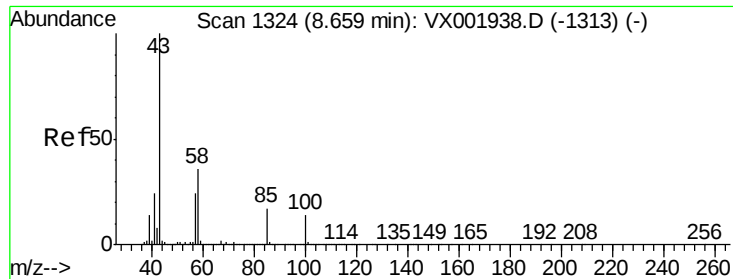
MMDadoda
6/1/2018 6:37:18 PM



#50
Toluene-d8
Concen: 53.237 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 96.208 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 43 Resp: 506696

Ion Ratio Lower Upper

43 100

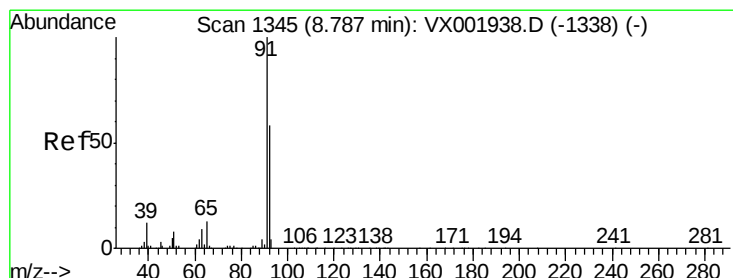
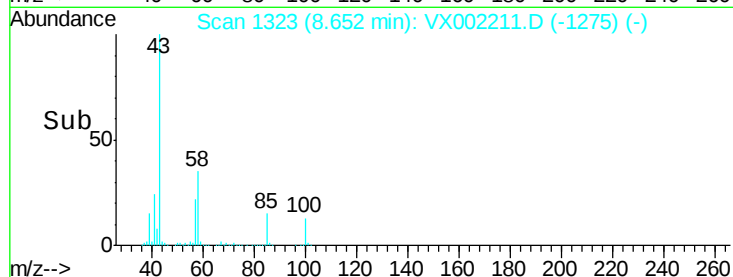
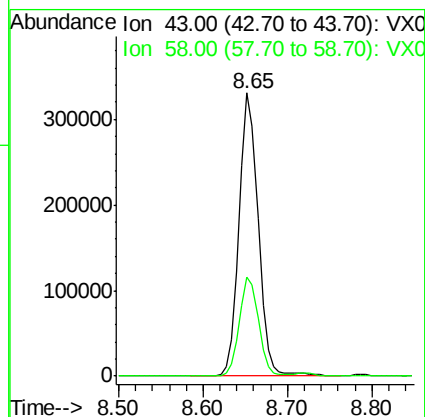
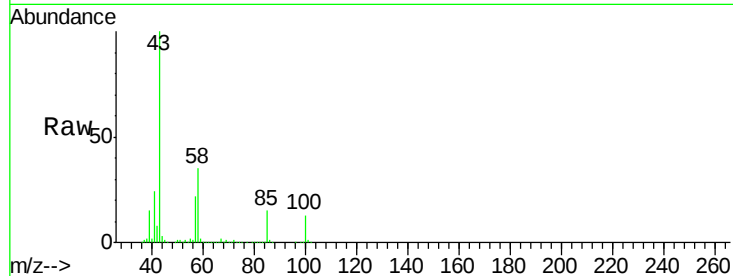
58 34.8 28.5 42.7

Manual Integrations

APPROVED

MMDadoda

6/1/2018 6:37:18 PM



#52

Toluene

Concen: 19.516 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002211.D

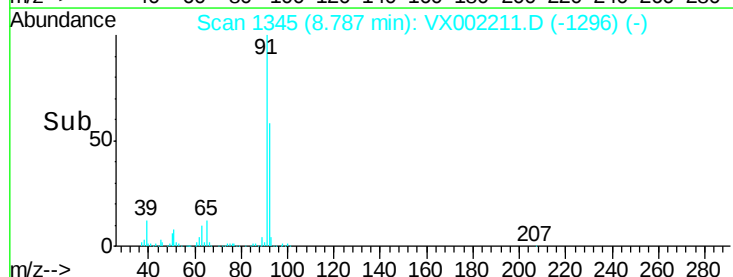
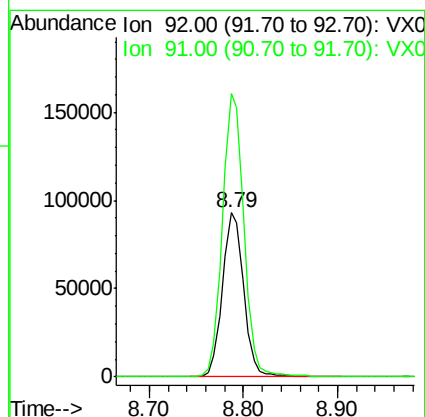
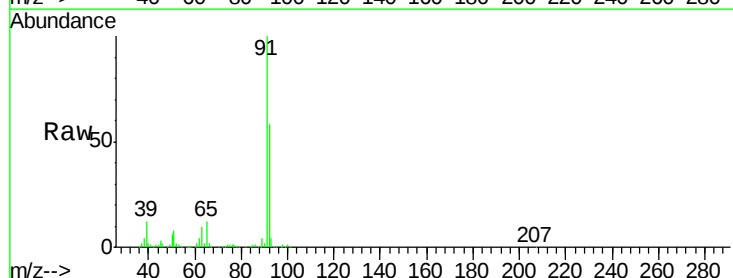
Acq: 01 Jun 2018 10:59

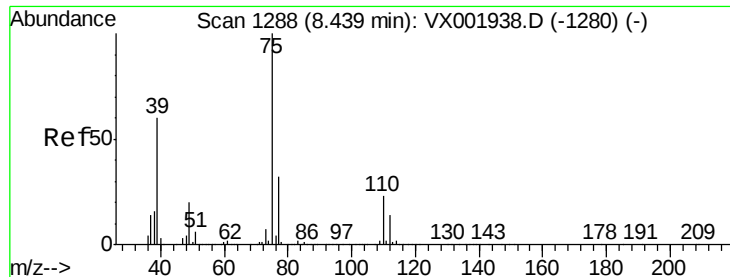
Tgt Ion: 92 Resp: 146344

Ion Ratio Lower Upper

92 100

91 174.0 139.4 209.2





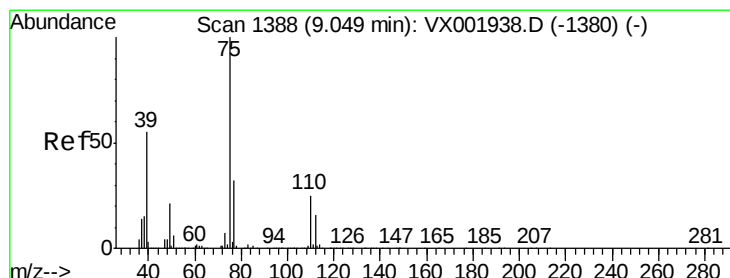
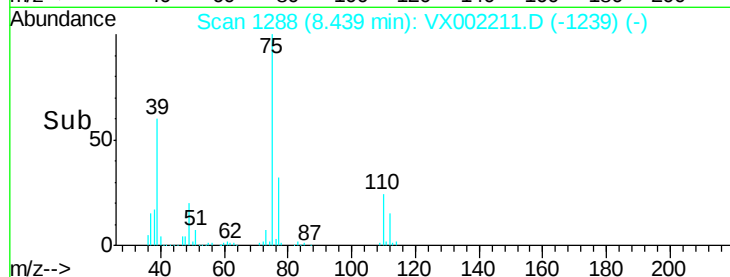
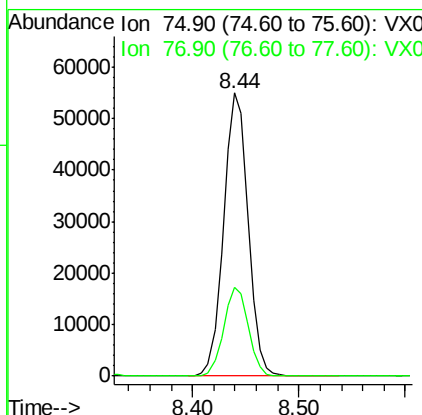
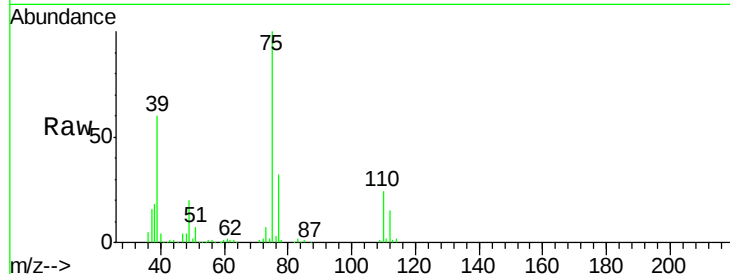
#53
t-1,3-Dichloropropene
Concen: 17.001 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

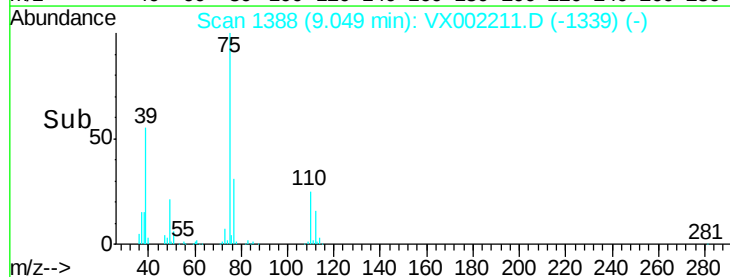
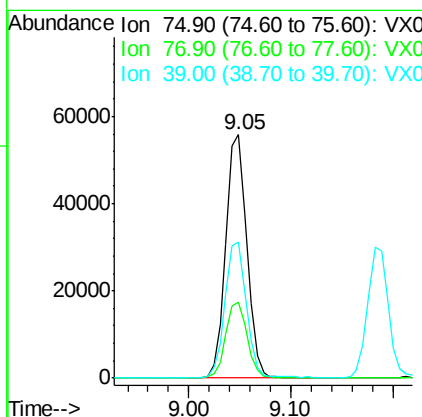
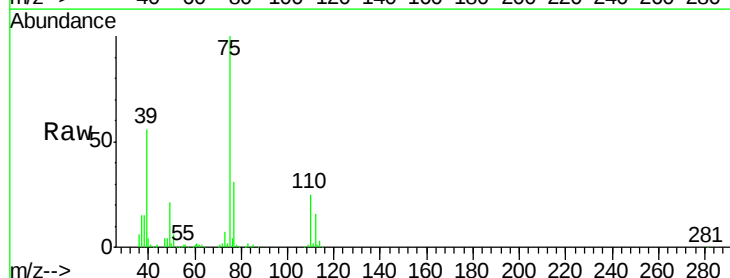
Manual Integrations
APPROVED

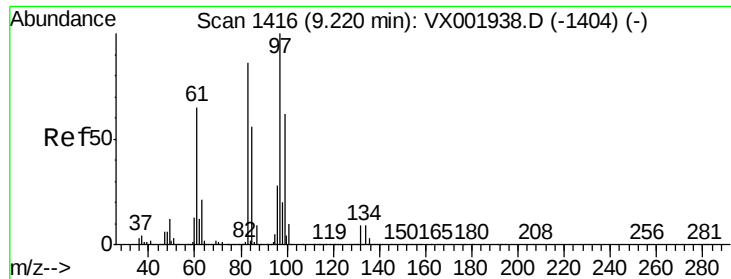
MMDadoda
6/1/2018 6:37:18 PM



#54
cis-1,3-Dichloropropene
Concen: 15.819 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.4	38.0
39	55.7	44.1	66.1





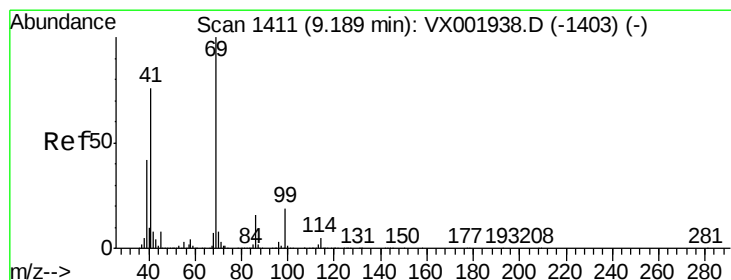
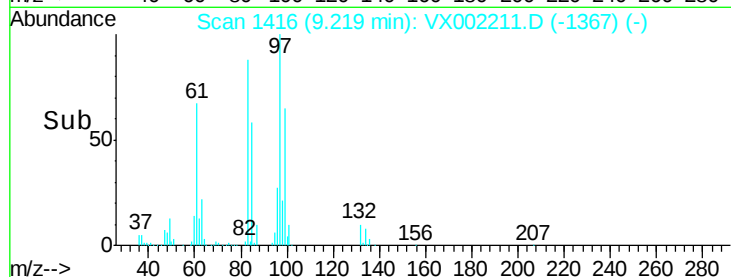
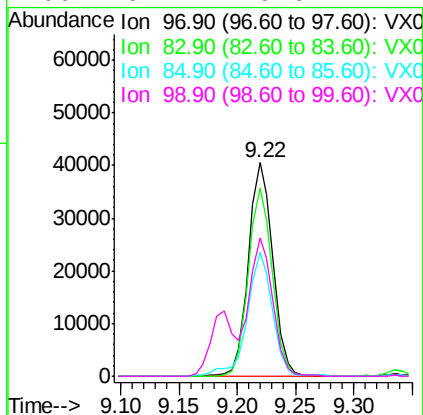
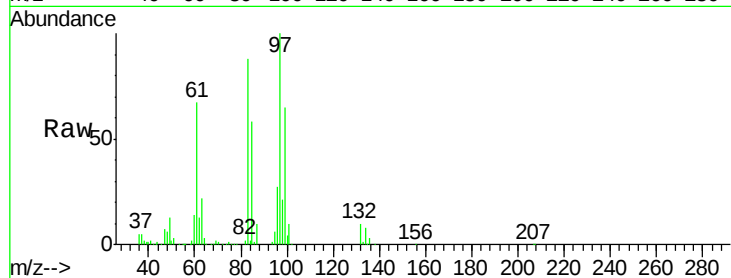
#55
 1,1,2-Trichloroethane
 Concen: 19.029 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion:	97	Resp:	59610
Ion	Ratio	Lower	Upper
97	100		
83	88.0	69.1	103.7
85	58.3	45.2	67.8
99	64.4	49.6	74.4

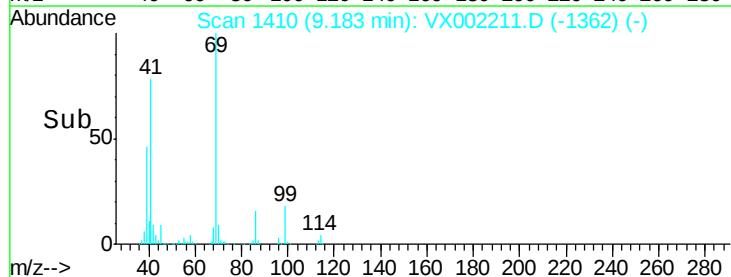
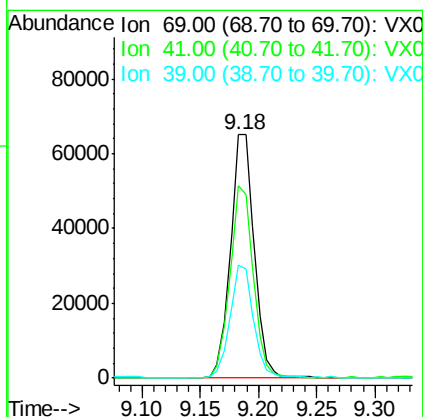
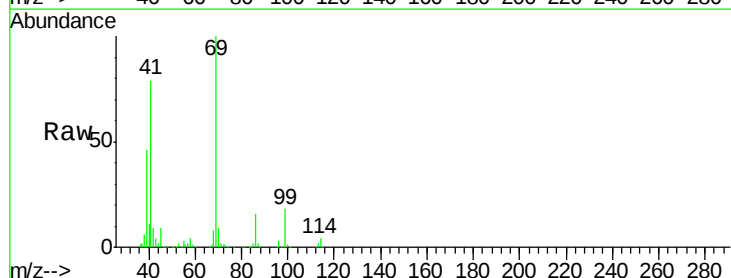
Manual Integrations
 APPROVED

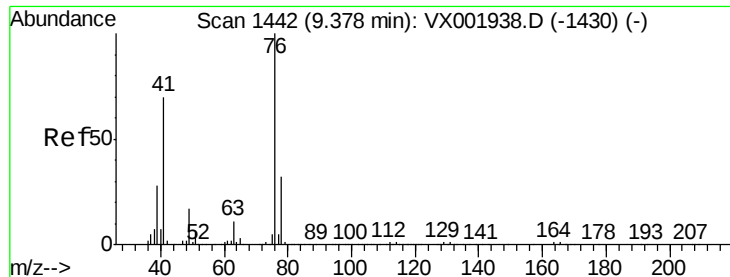
MMDadoda
 6/1/2018 6:37:18 PM



#56
 Ethyl methacrylate
 Concen: 17.303 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion:	69	Resp:	93231
Ion	Ratio	Lower	Upper
69	100		
41	77.0	61.0	91.6
39	45.6	34.4	51.6





#57

1,3-Dichloropropane

Concen: 19.504 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 76 Resp: 100655

Ion Ratio Lower Upper

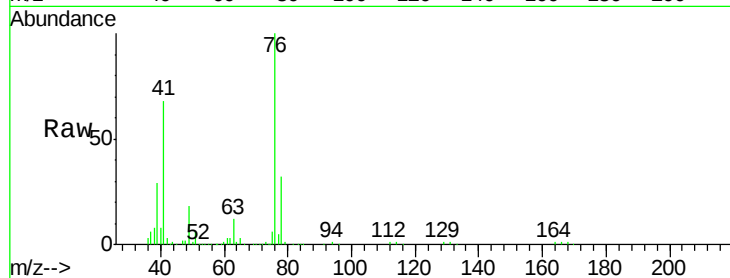
76 100

78 32.9 25.6 38.4

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:18 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

60000

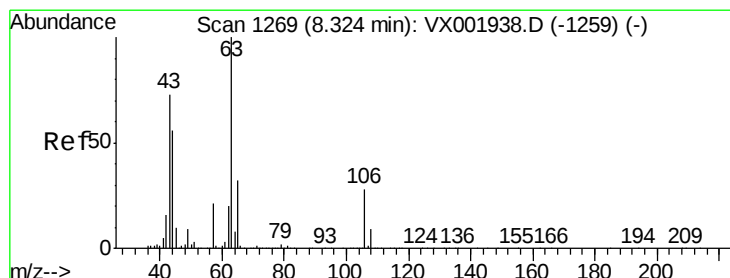
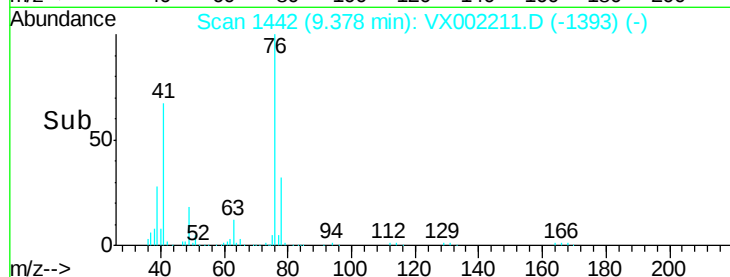
40000

20000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 85.916 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX002211.D

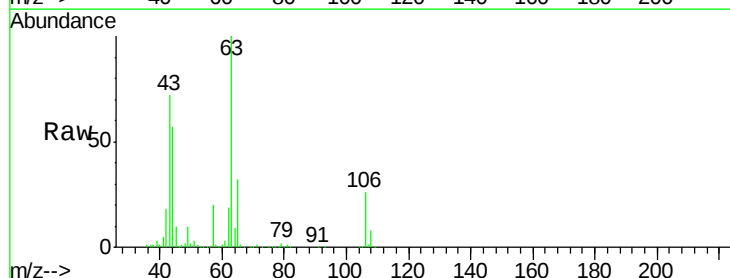
Acq: 01 Jun 2018 10:59

Tgt Ion: 63 Resp: 205186

Ion Ratio Lower Upper

63 100

106 26.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

150000

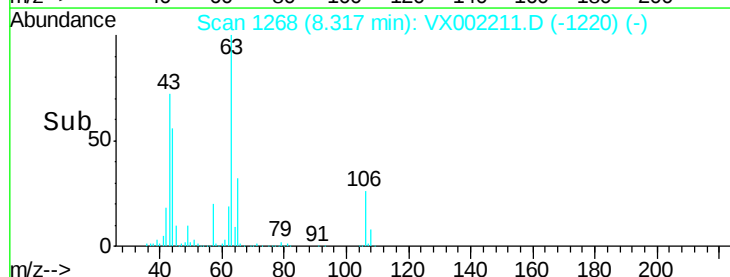
100000

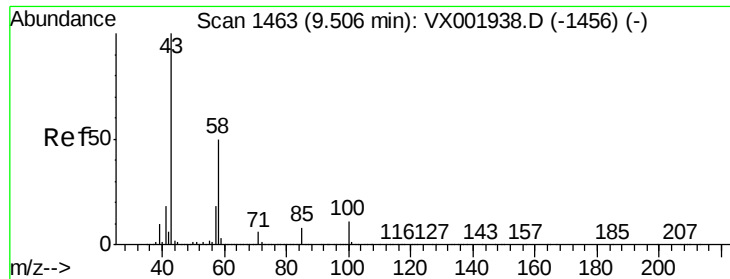
50000

0

8.20 8.30 8.40

Time-->





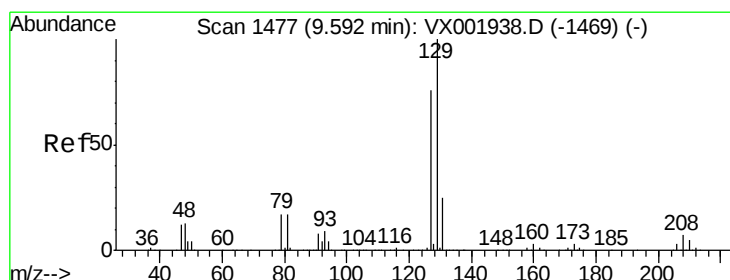
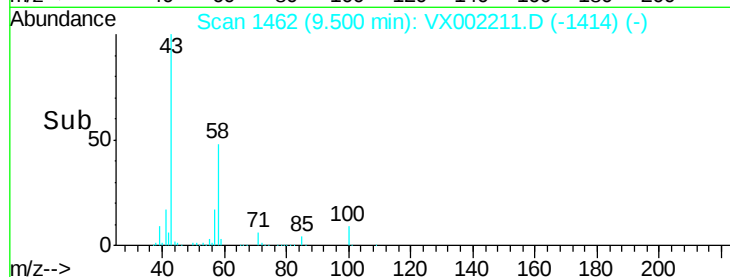
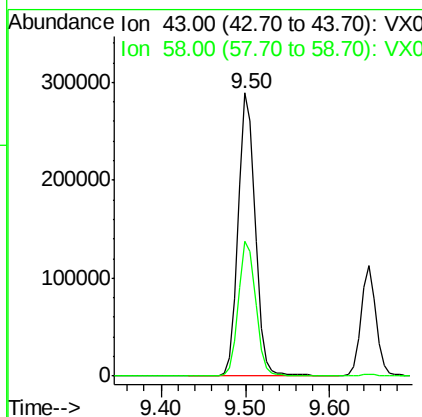
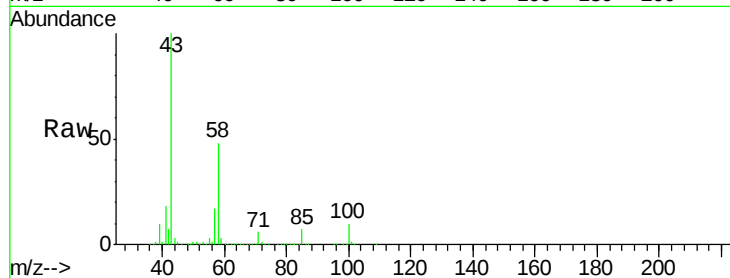
#59
2-Hexanone
Concen: 96.356 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.9	74.6

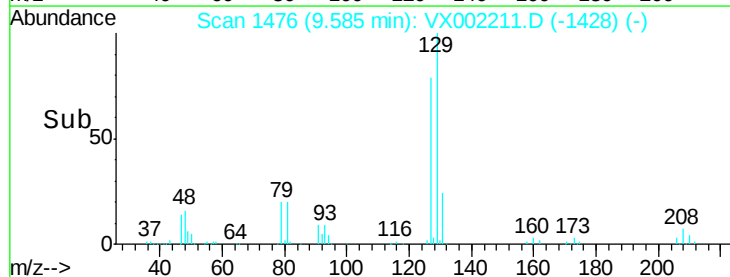
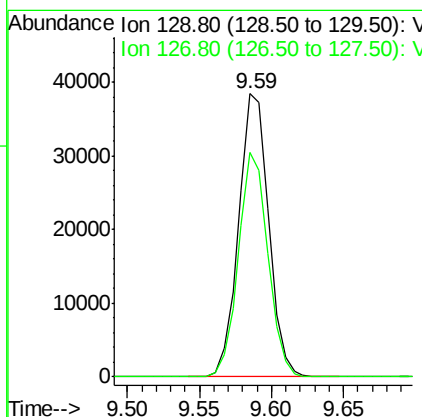
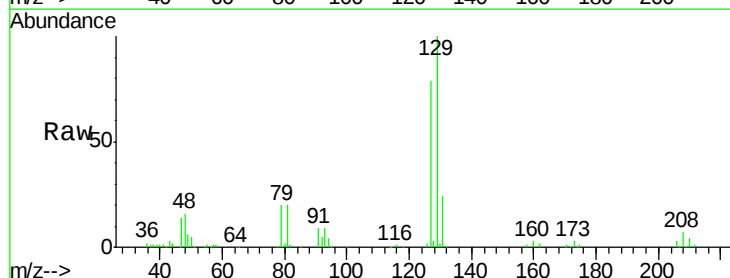
Manual Integrations
APPROVED

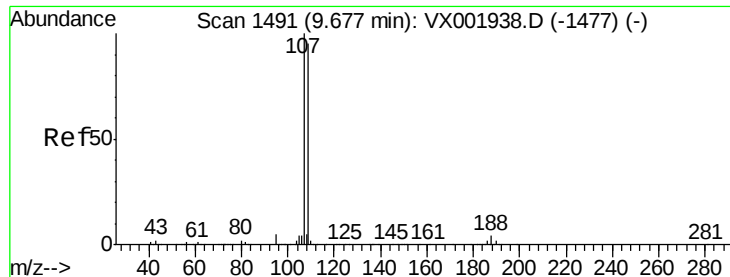
MMDadoda
6/1/2018 6:37:18 PM



#60
Dibromochloromethane
Concen: 14.998 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.3	114.9





#61

1,2-Dibromoethane

Concen: 19.249 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 107 Resp: 63272

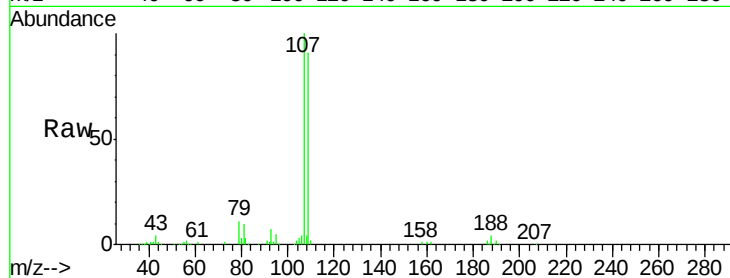
Ion Ratio Lower Upper

107 100

109 91.7 75.3 112.9

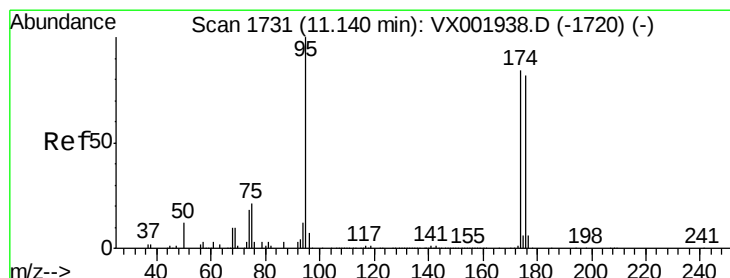
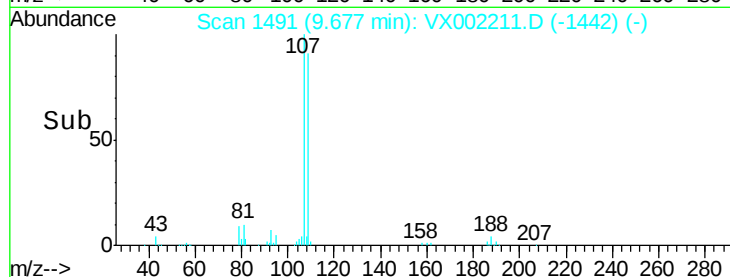
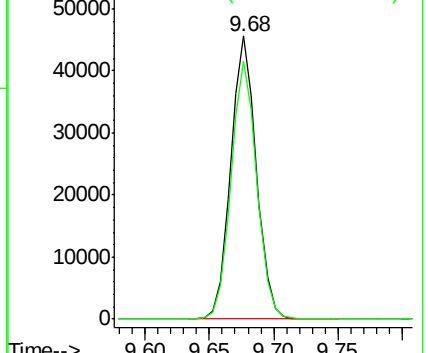
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.611 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

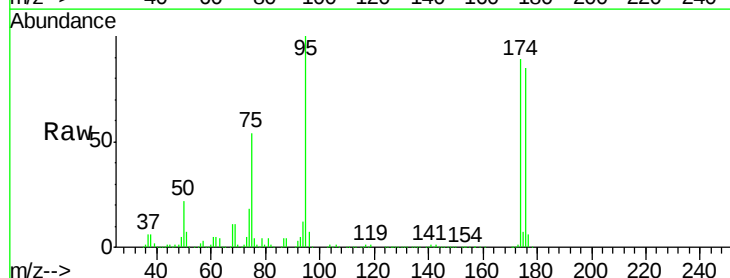
Tgt Ion: 95 Resp: 207293

Ion Ratio Lower Upper

95 100

174 93.4 0.0 178.8

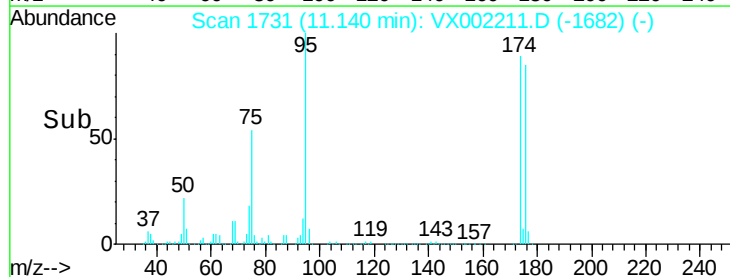
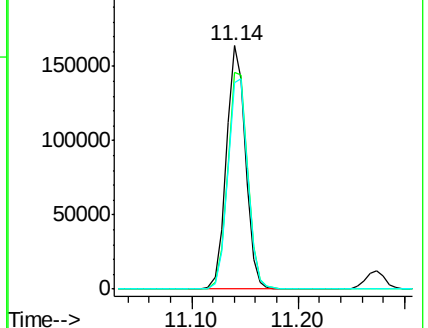
176 90.5 0.0 175.6

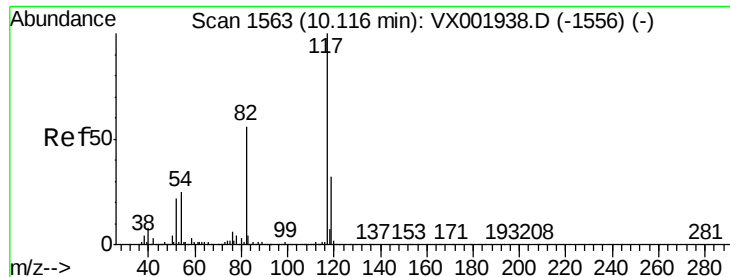


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





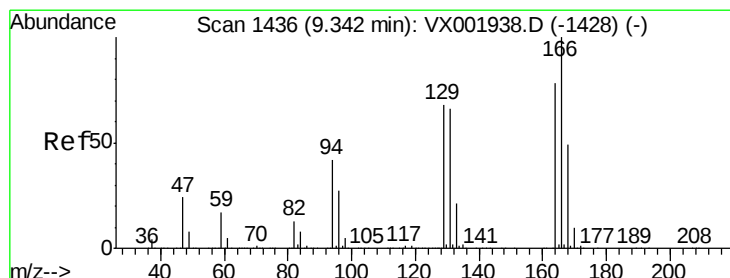
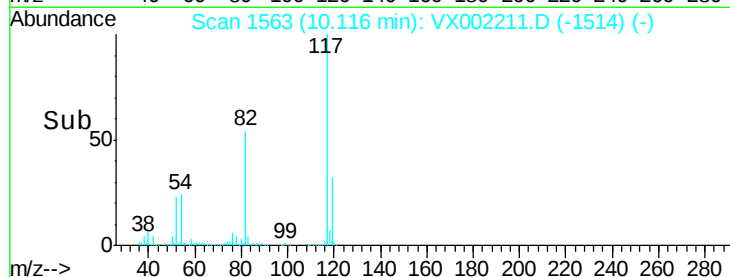
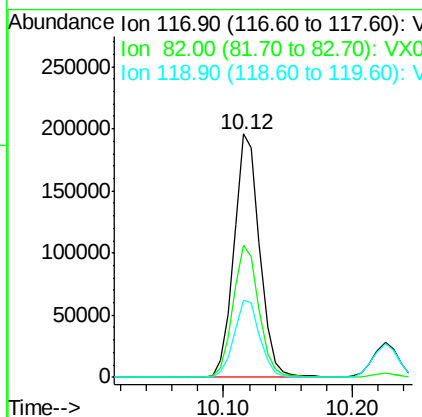
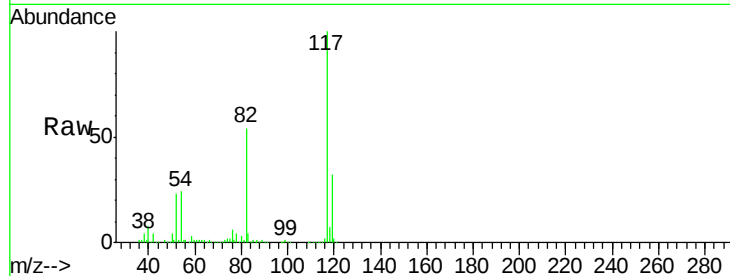
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	44.8	67.2
119	31.6	25.5	38.3

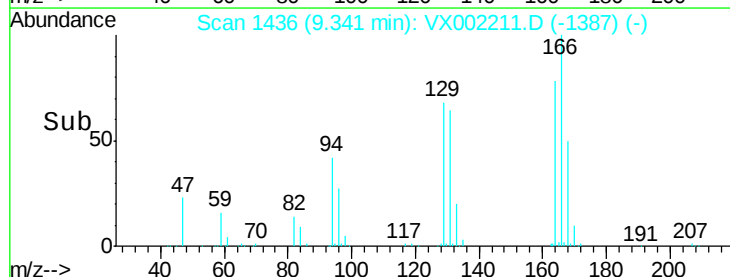
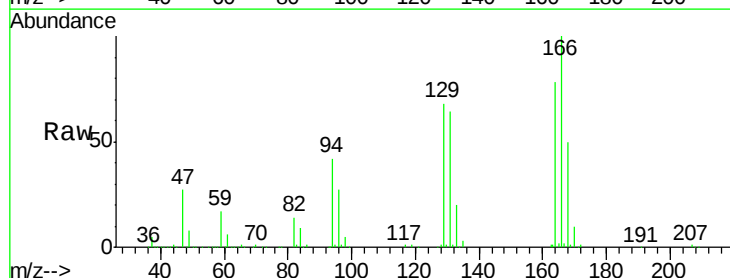
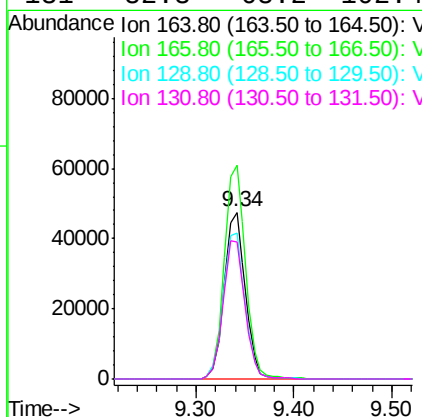
Manual Integrations
APPROVED

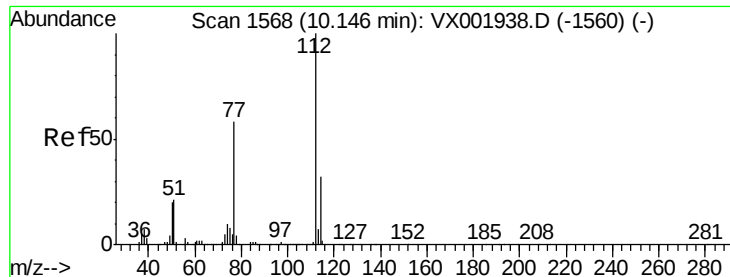
MMDadoda
6/1/2018 6:37:18 PM



#64
Tetrachloroethene
Concen: 18.325 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.7	154.1
129	87.5	70.3	105.5
131	82.3	68.2	102.4





#65

Chlorobenzene

Concen: 19.282 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion:112 Resp: 165873

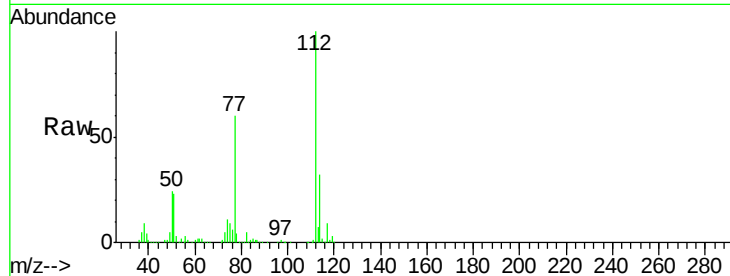
Ion Ratio Lower Upper

112 100

114 32.4 25.9 38.9

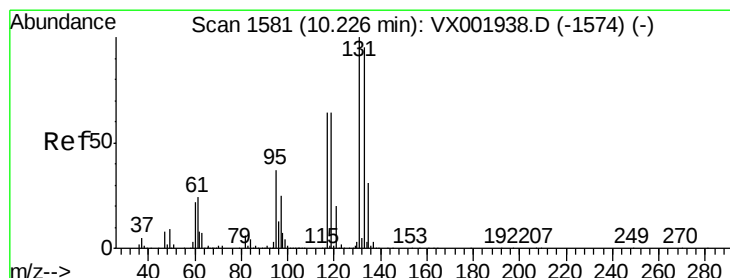
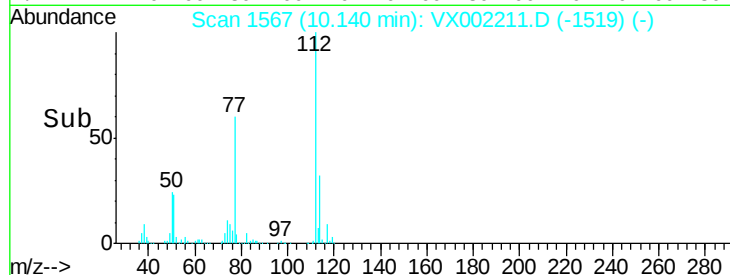
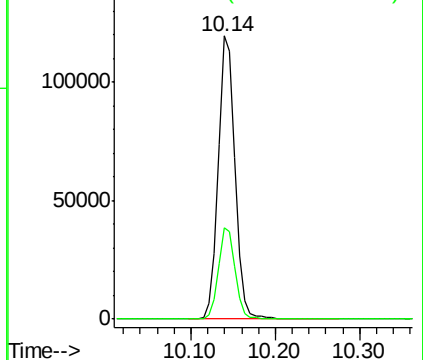
Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 16.609 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

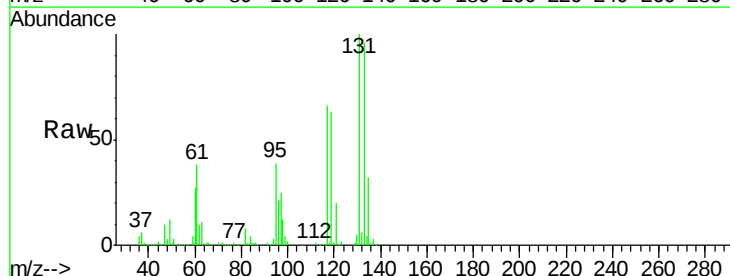
Tgt Ion:131 Resp: 57695

Ion Ratio Lower Upper

131 100

133 95.6 48.0 144.0

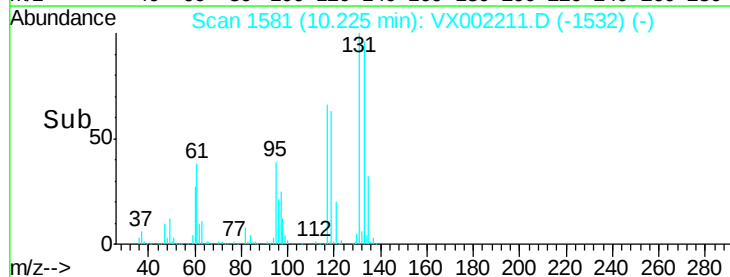
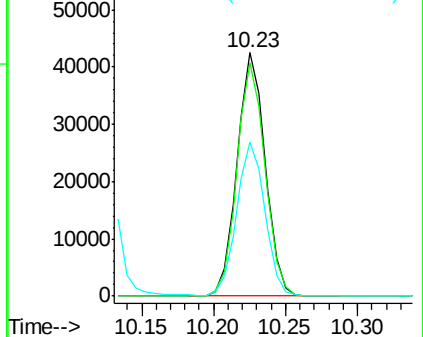
119 63.7 31.9 95.5

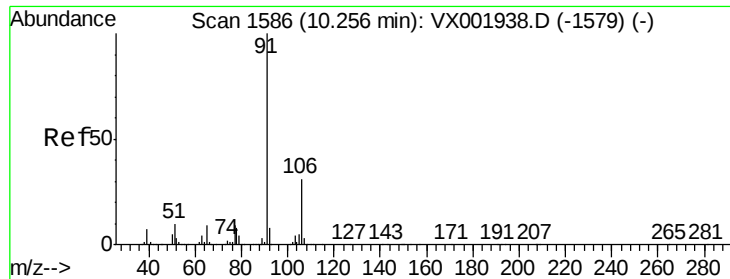


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.909 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 91 Resp: 282617

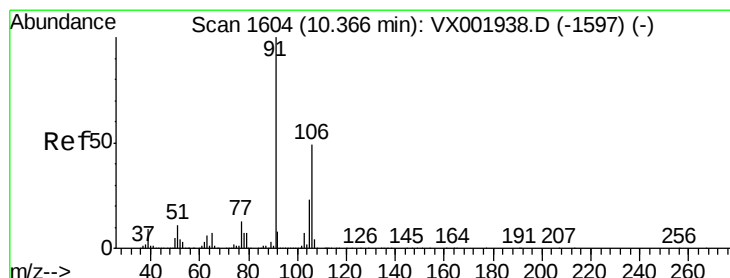
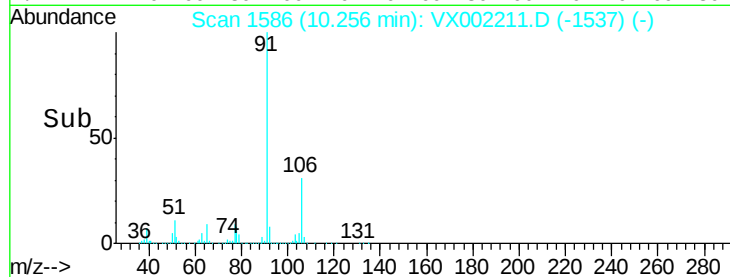
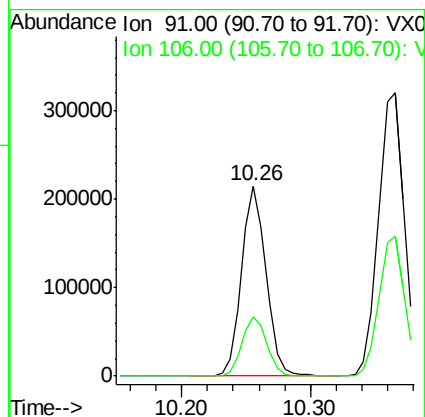
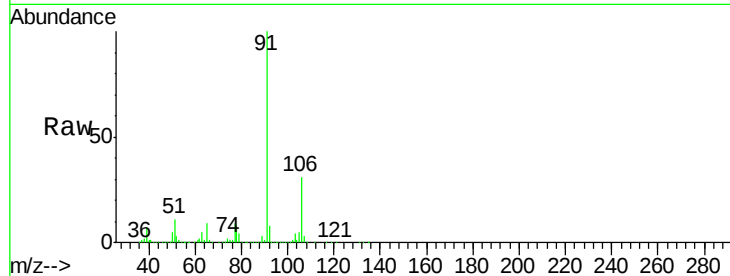
Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#68

m/p-Xylenes

Concen: 38.177 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX002211.D

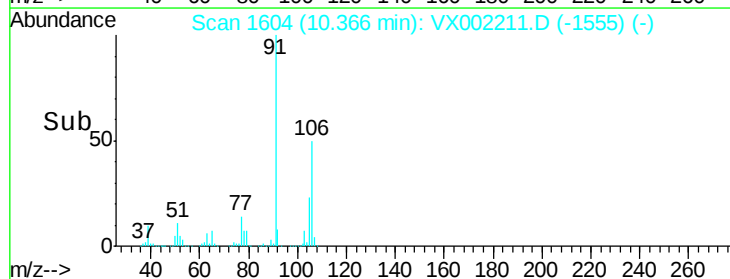
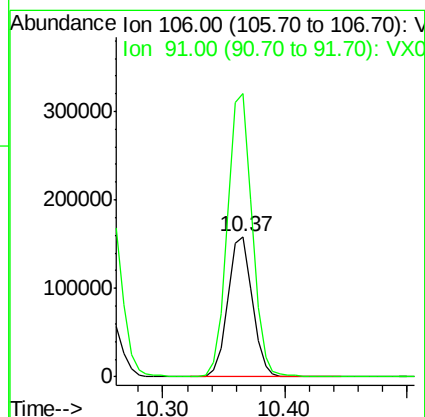
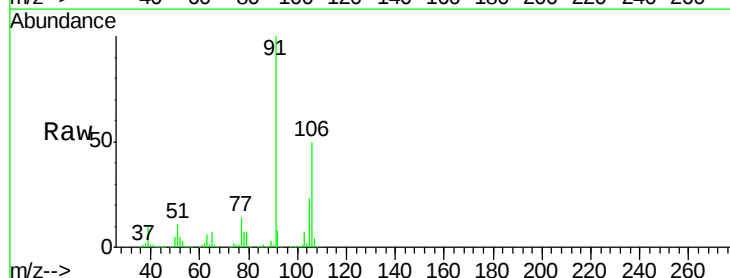
Acq: 01 Jun 2018 10:59

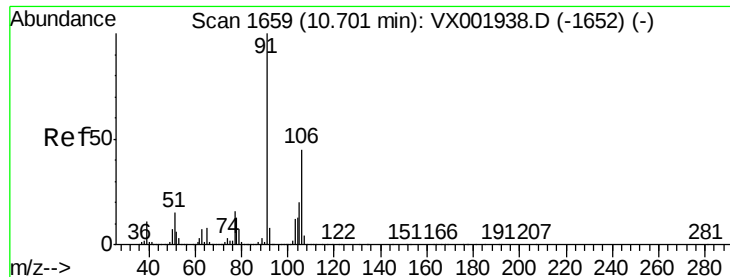
Tgt Ion: 106 Resp: 218122

Ion Ratio Lower Upper

106 100

91 205.1 165.0 247.6





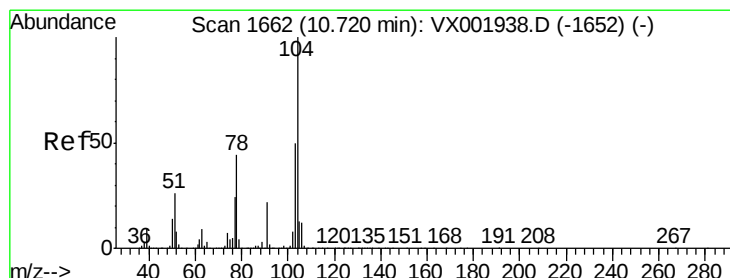
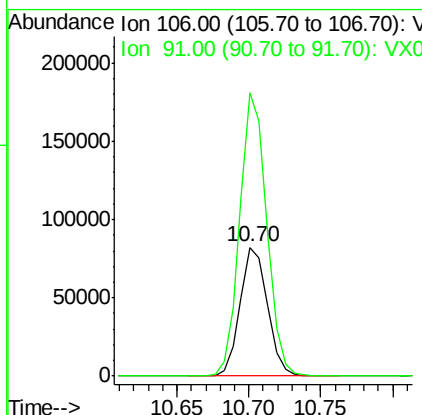
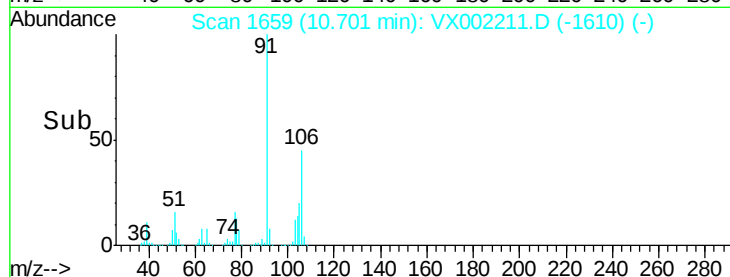
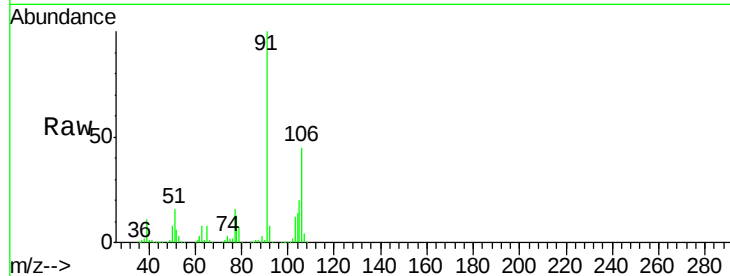
#69
o-Xylene
Concen: 19.043 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	108634		
91	91	217.6	108.7	325.9	

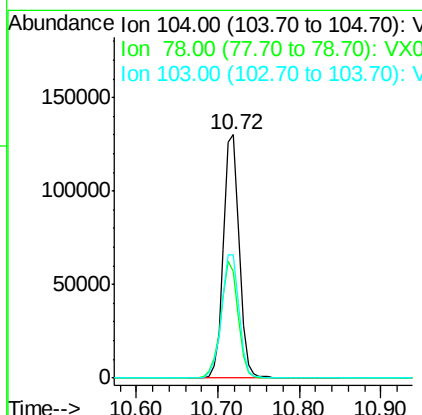
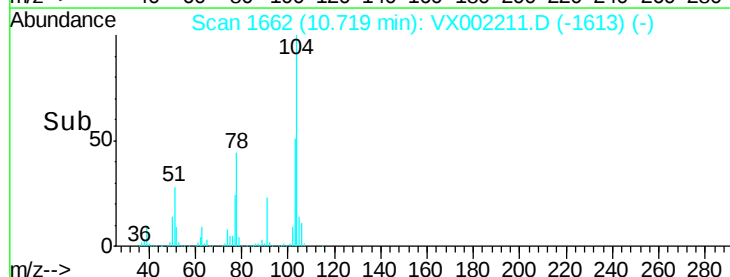
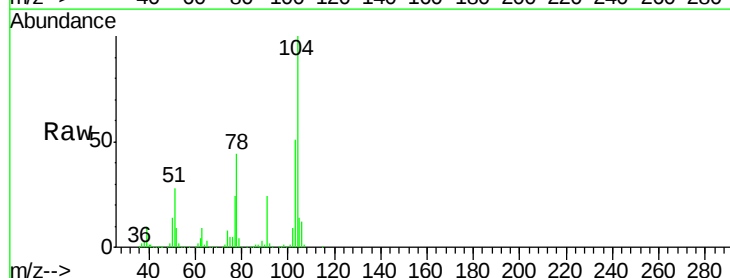
Manual Integrations
APPROVED

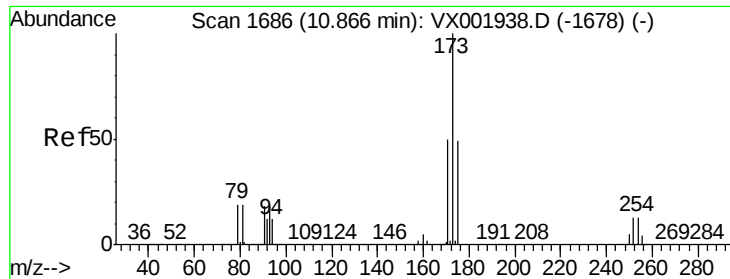
MMDadoda
6/1/2018 6:37:18 PM



#70
Styrene
Concen: 18.550 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	175501		
78	78	52.2	41.8	62.6	
103	103	56.4	44.6	67.0	





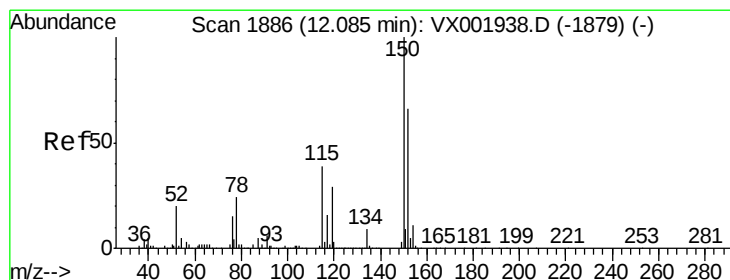
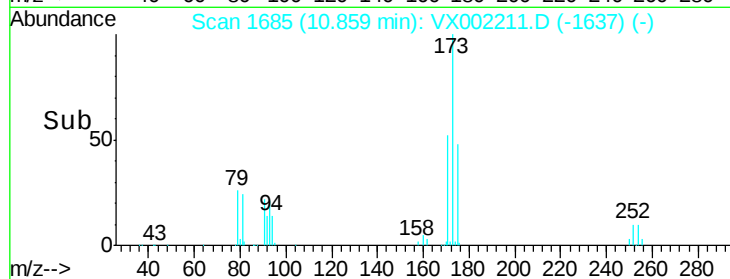
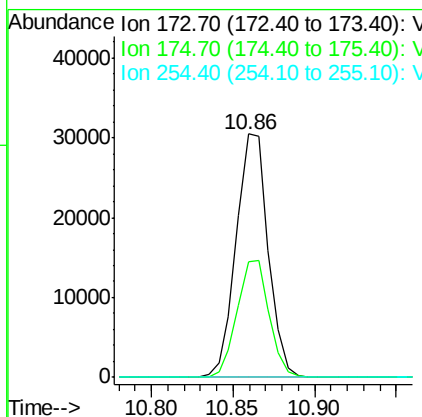
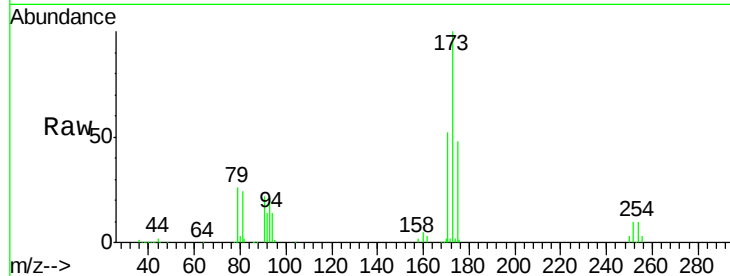
#71
Bromoform
Concen: 12.651 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	72.9
254	0.0	0.1	0.1#

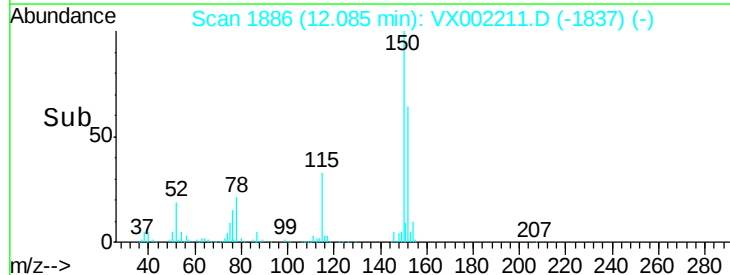
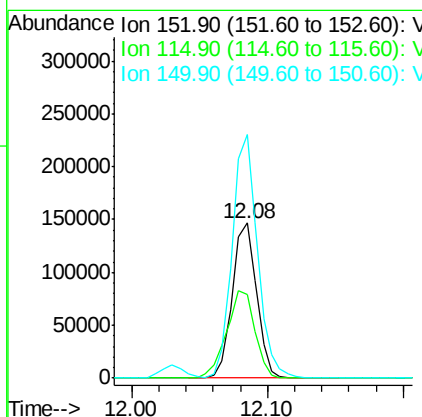
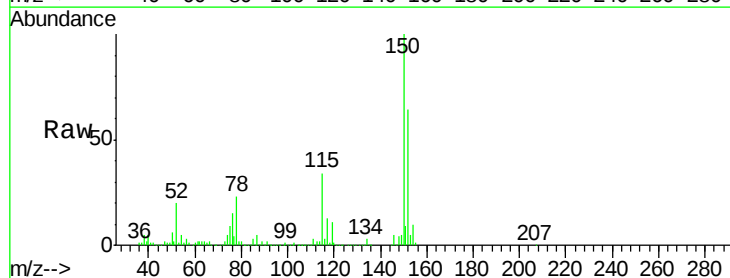
Manual Integrations
APPROVED

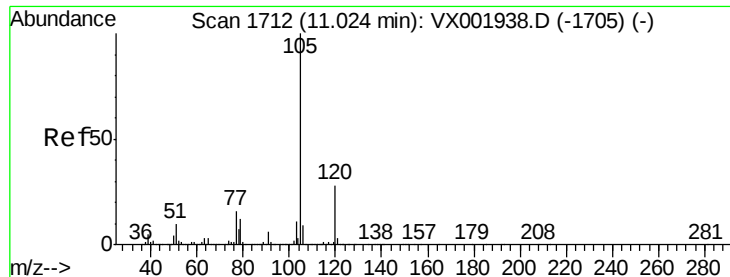
MMDadoda
6/1/2018 6:37:18 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	42.3	126.8
150	164.1	0.0	351.0





#73

Isopropylbenzene

Concen: 18.900 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS06

Tot Ion:105 Resp: 290254

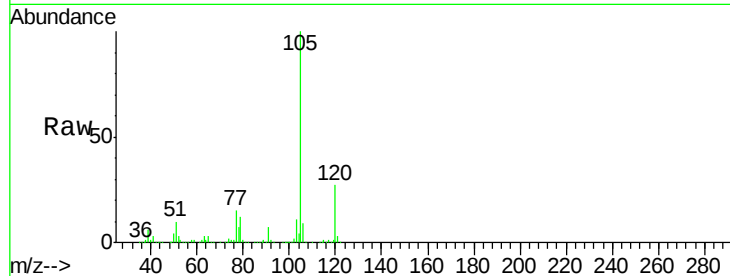
Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

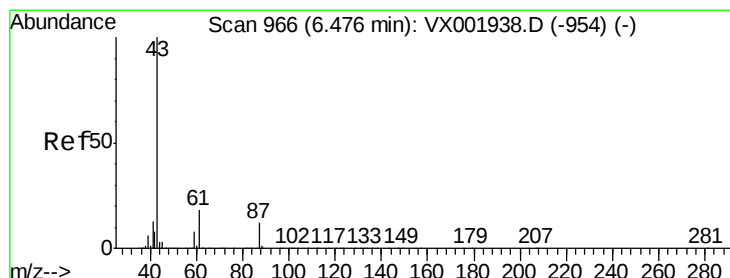
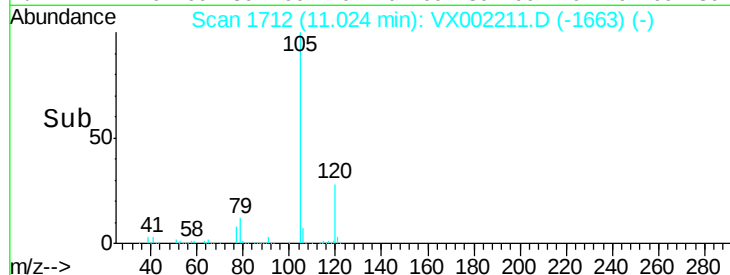
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 17.348 ug/l

RT: 6.47 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion: 43 Resp: 154620

Ion Ratio Lower Upper

43 100

70 0.0 0.1 0.1#

55 0.1 0.1 0.1#

61 17.6 14.5 21.7

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

80000

60000

40000

20000

0

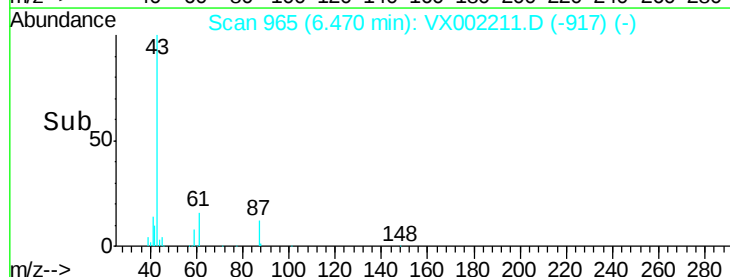
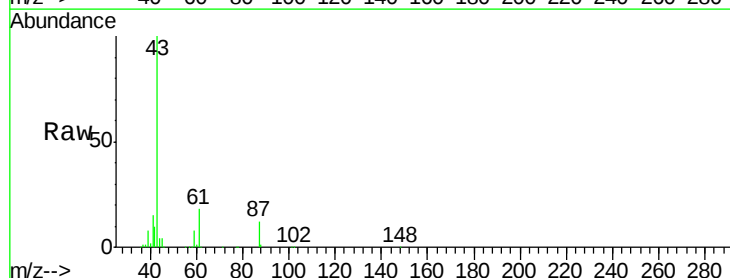
6.47

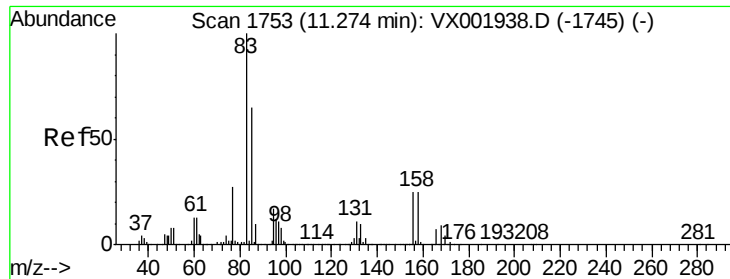
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.932 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

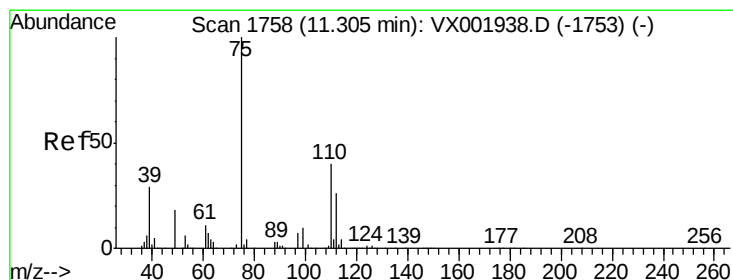
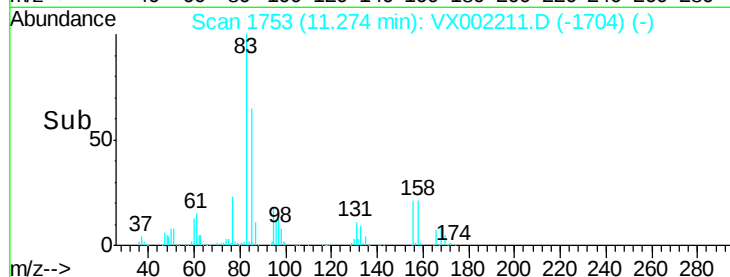
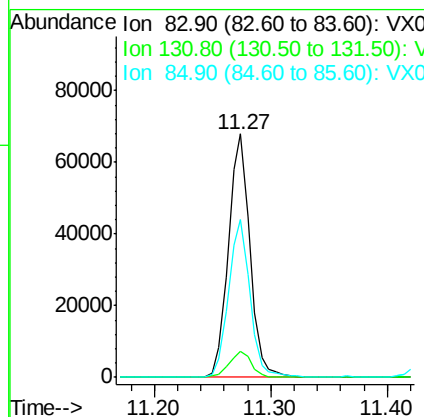
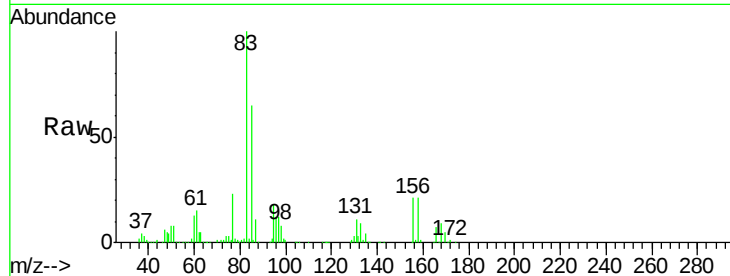
ClientSampleId :

VX0531WBS06

Tot Ion:	83	Resp:	86920
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.0
85	64.7	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#76

1,2,3-Trichloropropane

Concen: 17.896 ug/l m

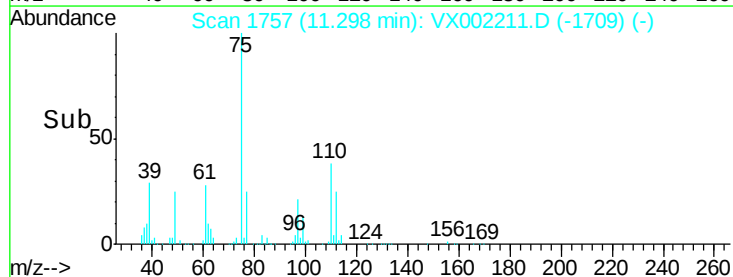
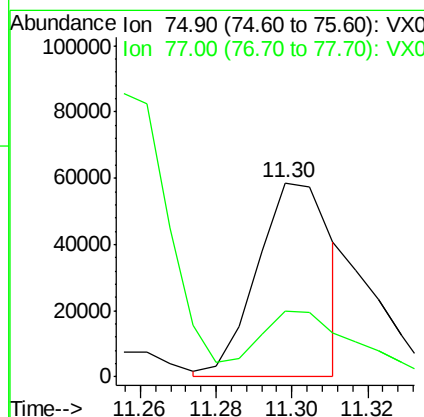
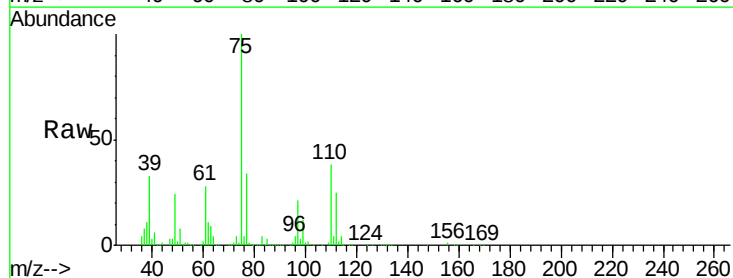
RT: 11.30 min Scan# 1757

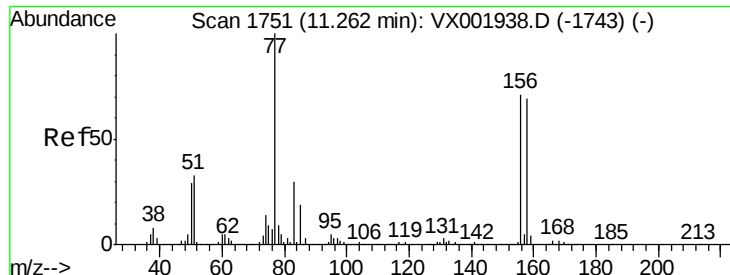
Delta R.T. -0.01 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	75	Resp:	77957
Ion Ratio	Lower	Upper	
75	100		
77	44.6	22.8	68.3





#77

Bromobenzene

Concen: 19.057 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion:156 Resp: 77649

Ion Ratio Lower Upper

156 100

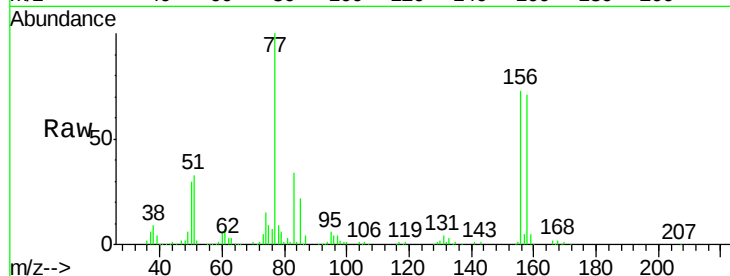
77 144.7 75.2 225.6

158 98.0 48.6 145.8

Manual Integrations
APPROVED

MMDadoda

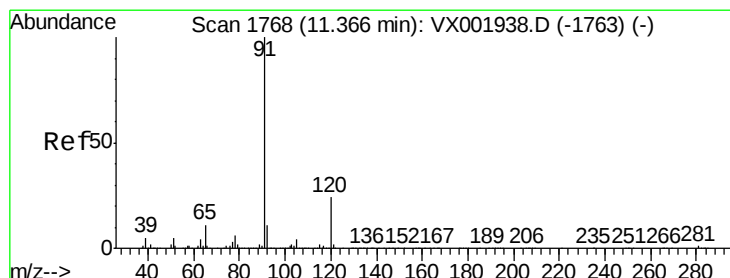
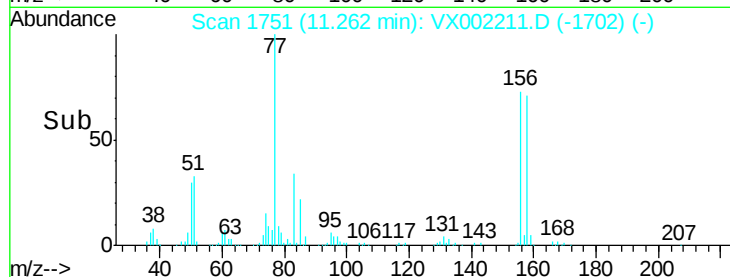
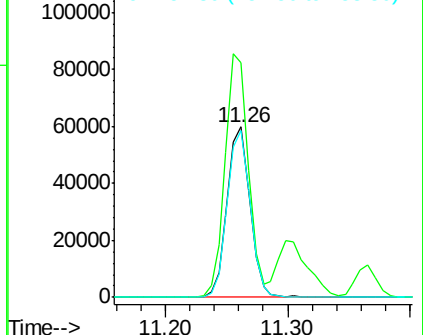
6/1/2018 6:37:18 PM



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: 19.065 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002211.D

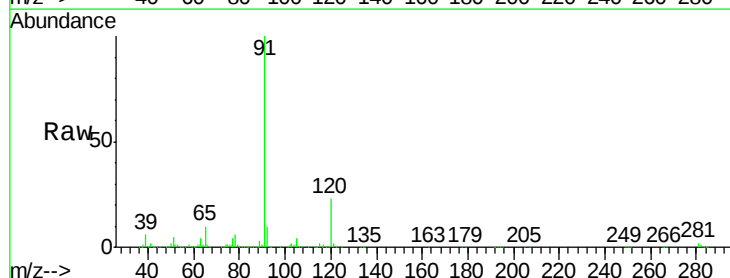
Acq: 01 Jun 2018 10:59

Tgt Ion: 91 Resp: 327929

Ion Ratio Lower Upper

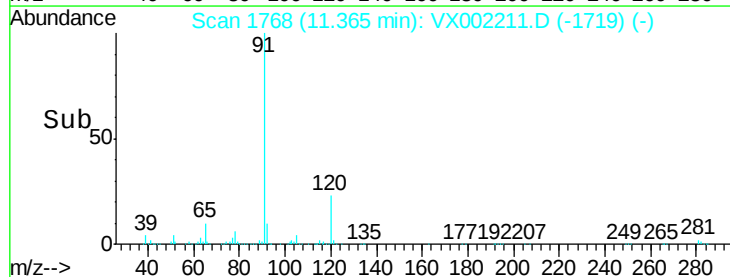
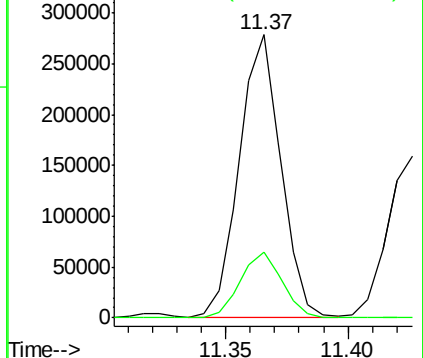
91 100

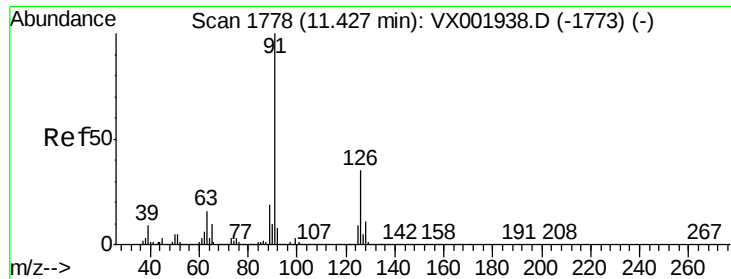
120 23.6 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.407 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion: 91 Resp: 196430

Ion Ratio Lower Upper

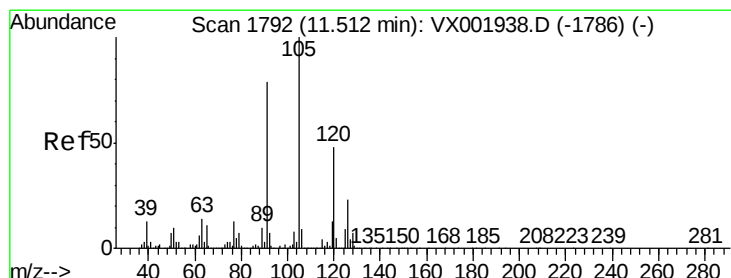
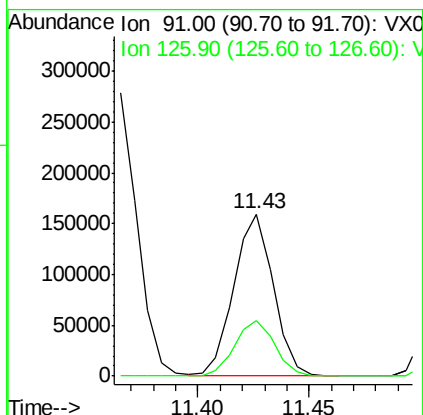
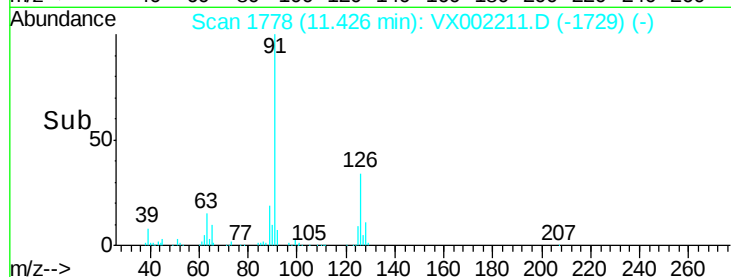
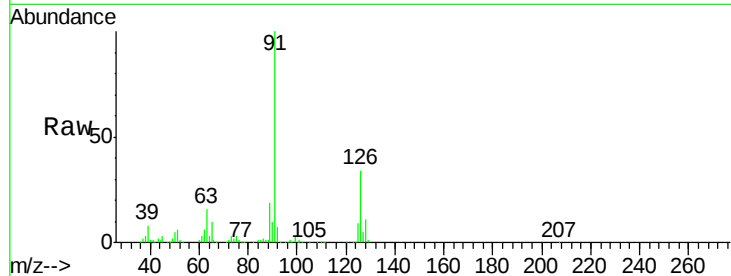
91 100

126 35.1 17.4 52.2

Manual Integrations
APPROVED

MMDadoda

6/1/2018 6:37:18 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.840 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002211.D

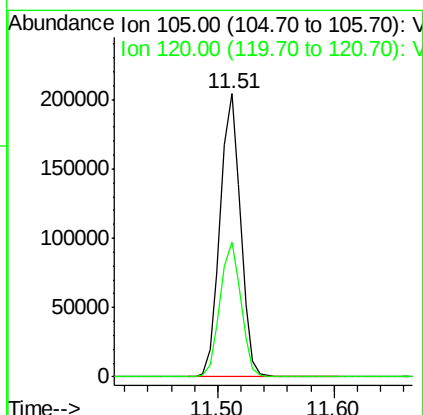
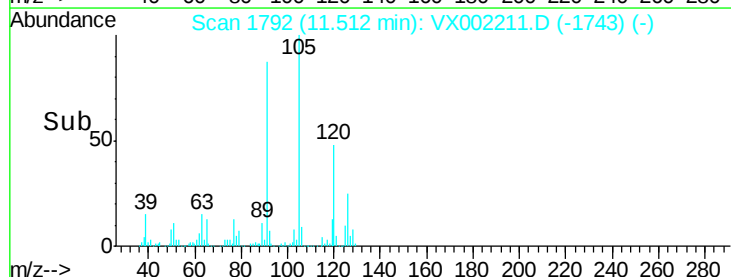
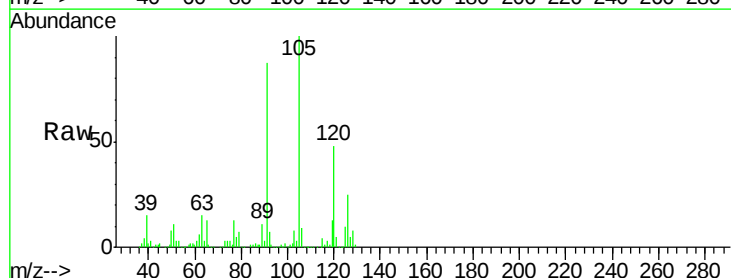
Acq: 01 Jun 2018 10:59

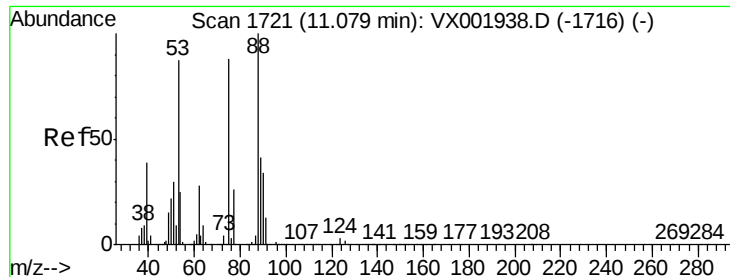
Tgt Ion: 105 Resp: 247261

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4





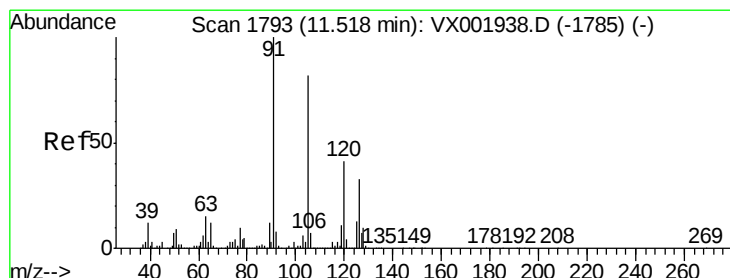
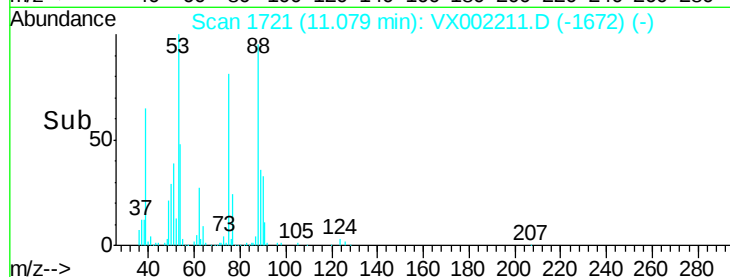
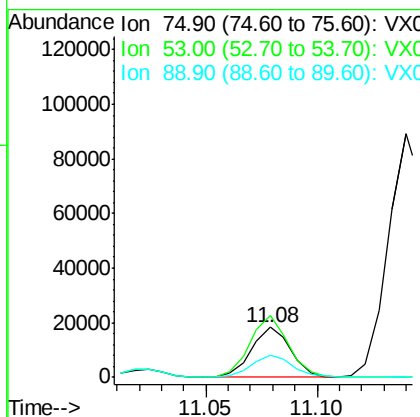
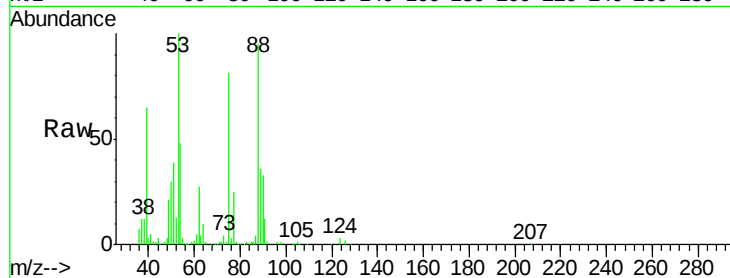
#81
trans-1,4-Dichloro-2-butene
Concen: 12.246 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
75	100		
53	122.9	78.0	117.0#
89	46.4	39.4	59.2

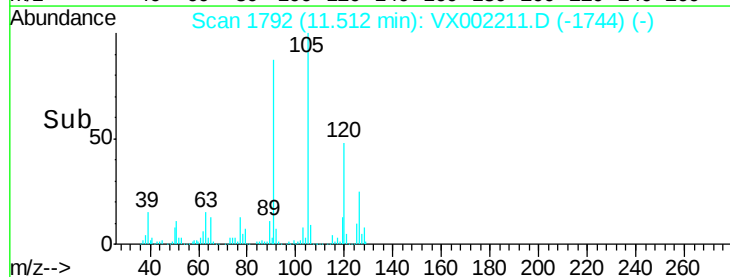
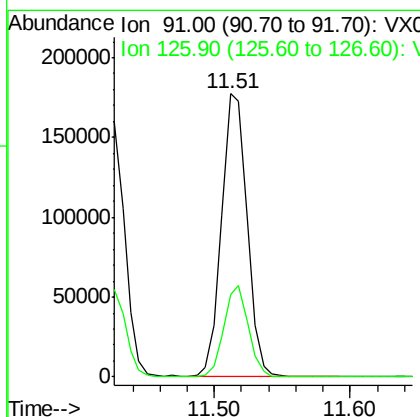
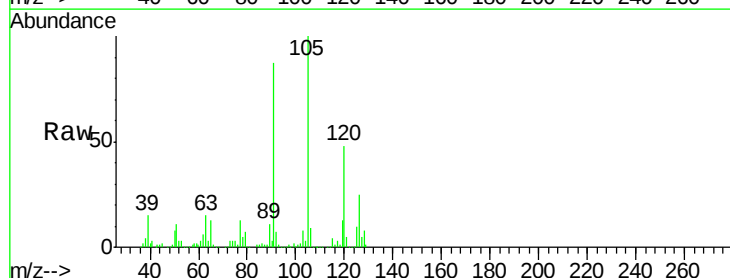
Manual Integrations
APPROVED

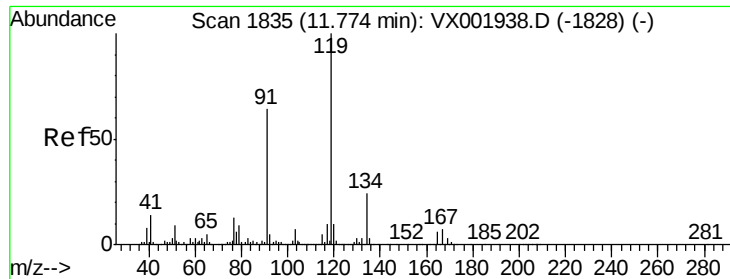
MMDadoda
6/1/2018 6:37:18 PM



#82
4-Chlorotoluene
Concen: 19.048 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.3	45.8





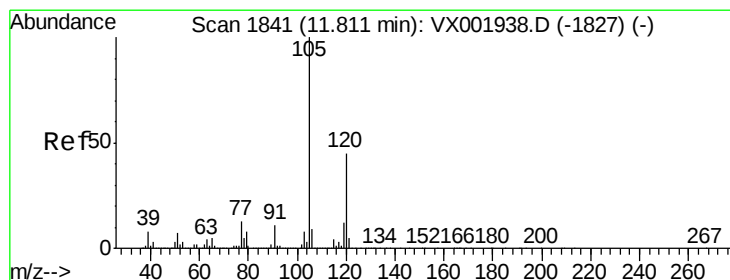
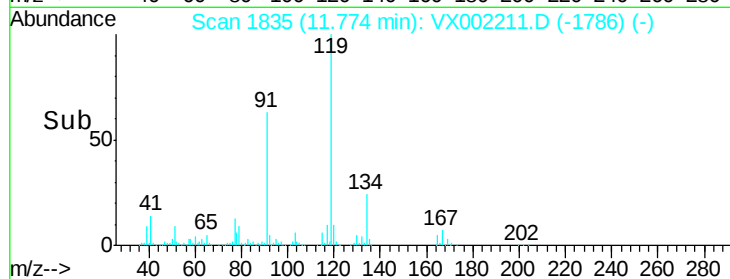
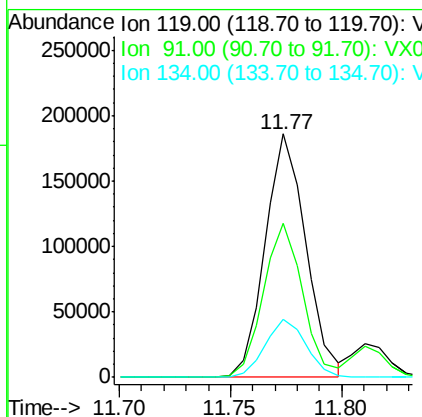
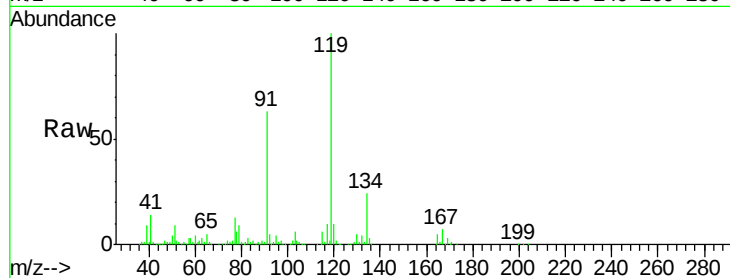
#83
tert-Butylbenzene
Concen: 18.330 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampled :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.5	30.6	91.8
134	24.0	11.7	35.0

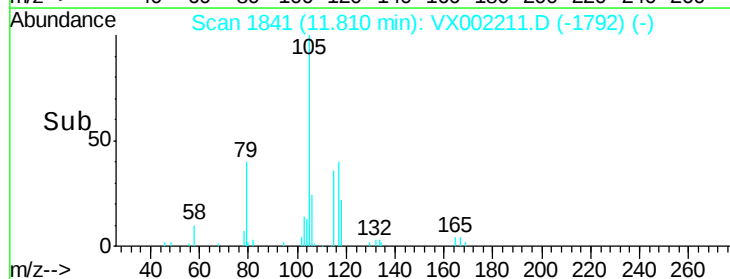
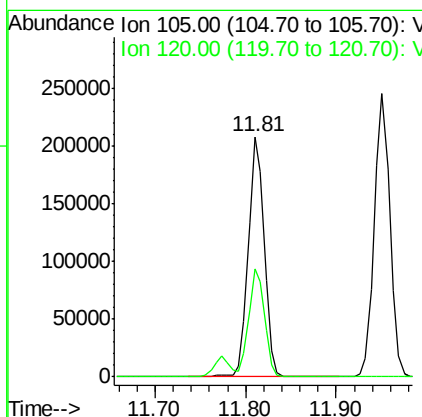
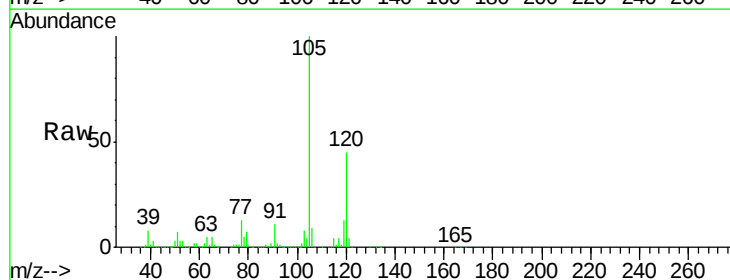
Manual Integrations
APPROVED

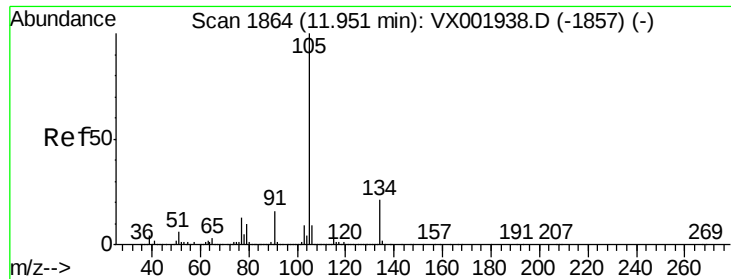
MMDadoda
6/1/2018 6:37:18 PM



#84
1,2,4-Trimethylbenzene
Concen: 18.771 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.905 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS06

Tot Ion:105 Resp: 292683

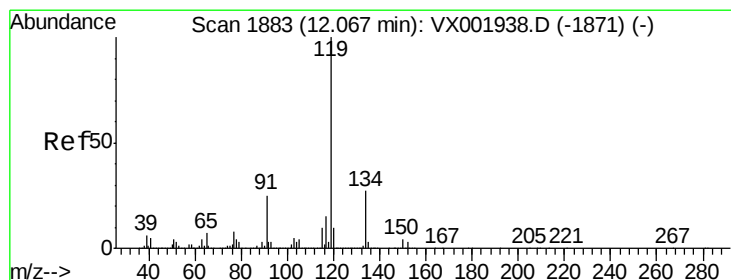
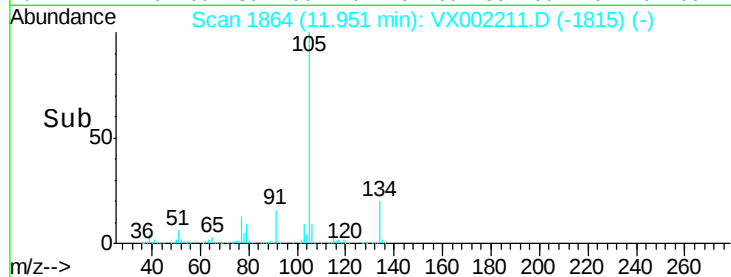
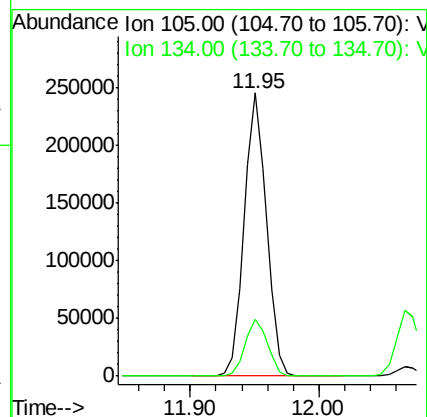
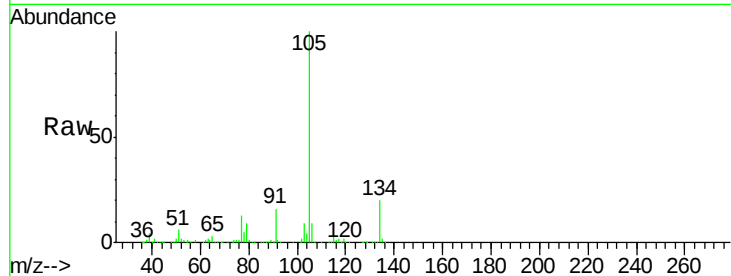
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#86

p-Isopropyltoluene

Concen: 18.986 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

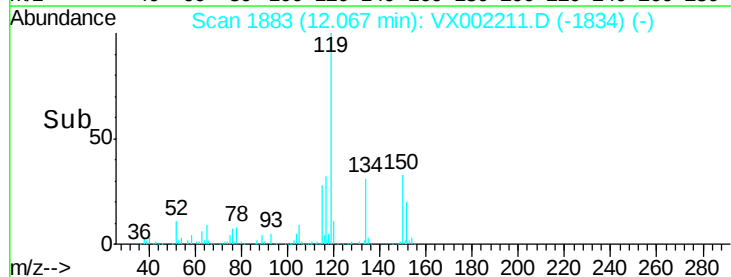
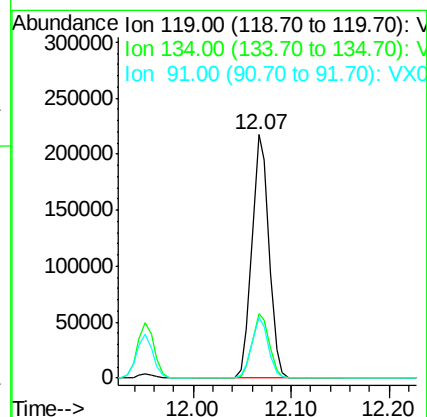
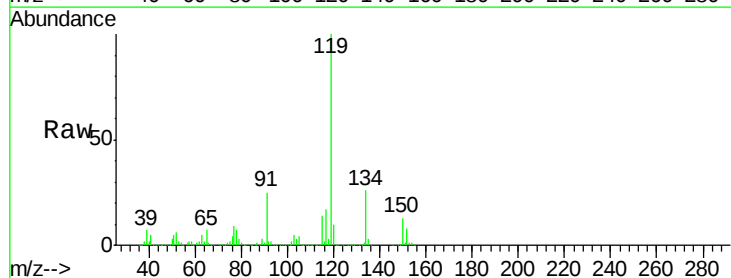
Tgt Ion:119 Resp: 263024

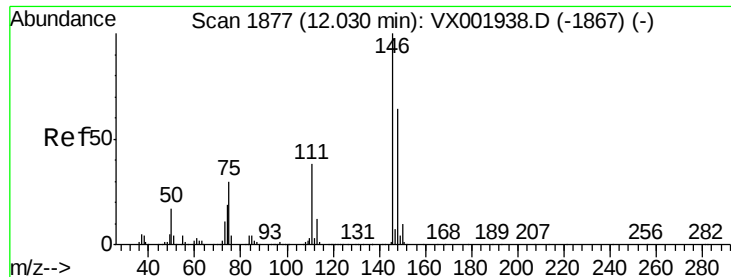
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.5 12.2 36.4





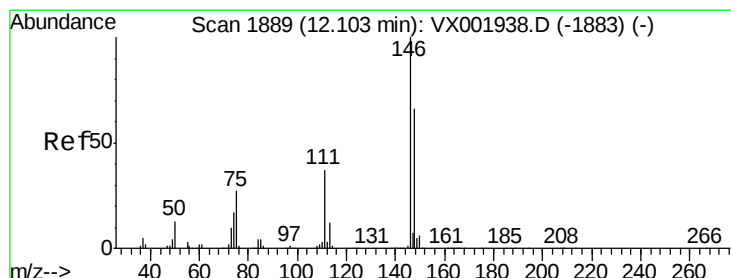
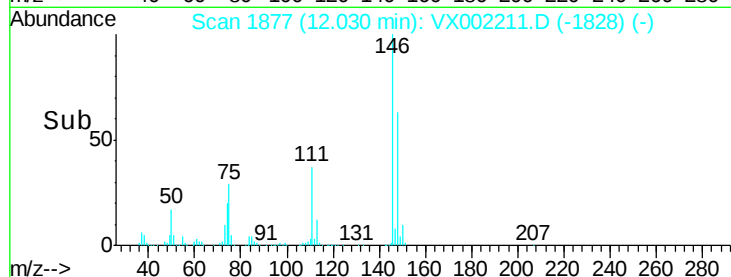
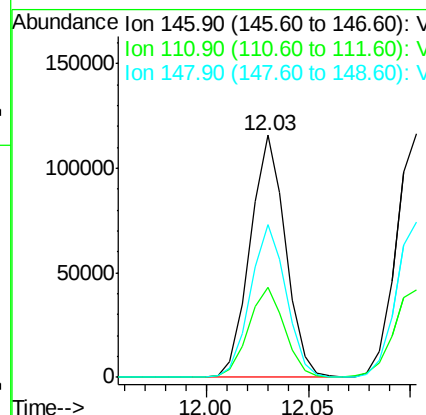
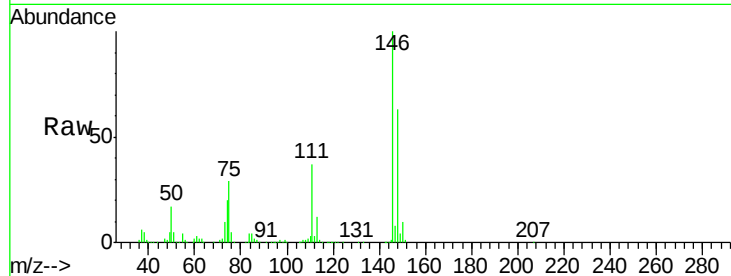
#87
 1,3-Dichlorobenzene
 Concen: 19.128 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	63.7	32.1	96.3

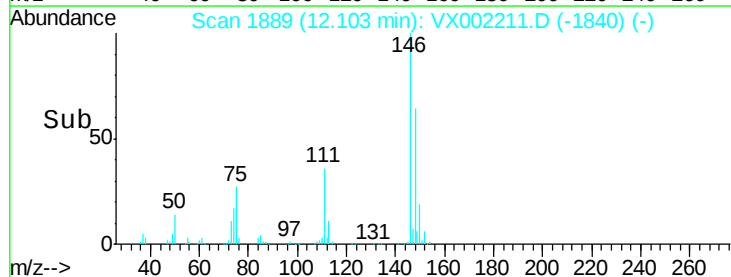
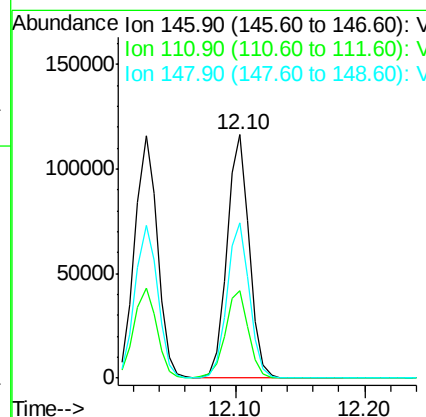
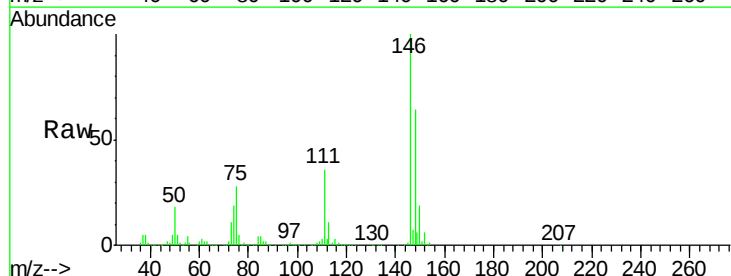
Manual Integrations
 APPROVED

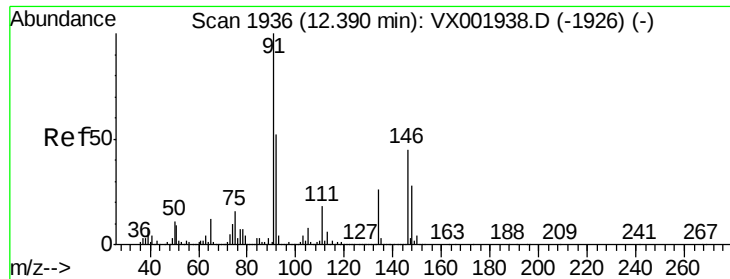
MMDadoda
 6/1/2018 6:37:18 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.411 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.5
148	64.4	32.3	96.8





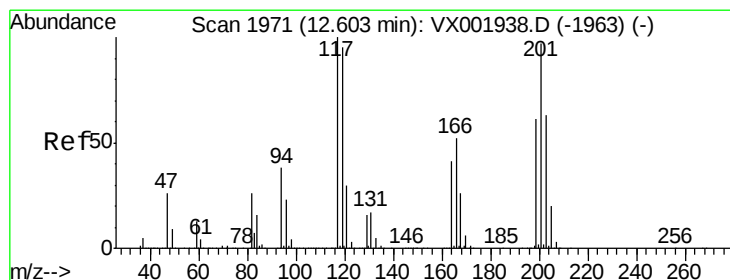
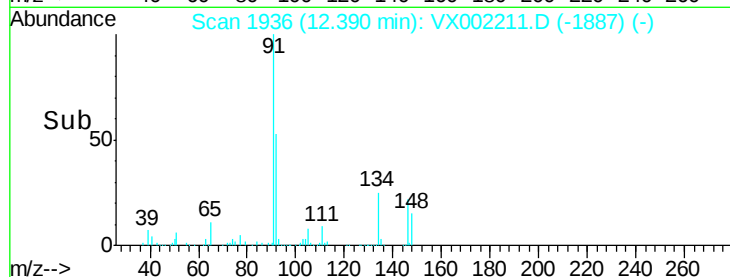
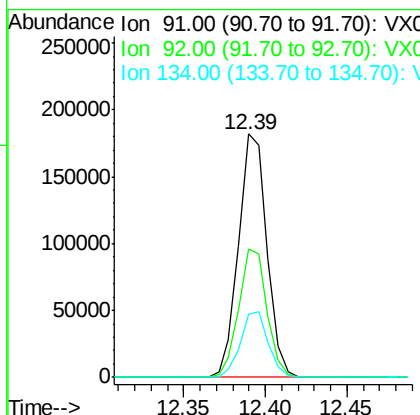
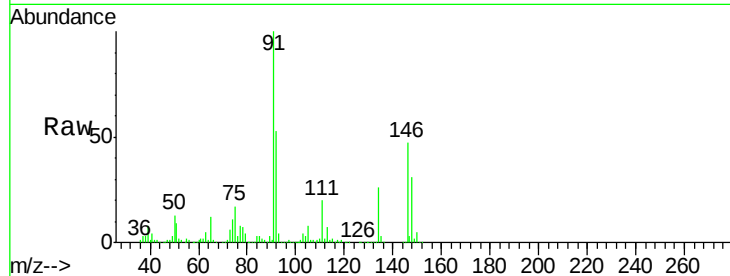
#89
n-Butylbenzene
Concen: 18.805 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS06

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.3	78.9
134	26.7	13.6	40.7

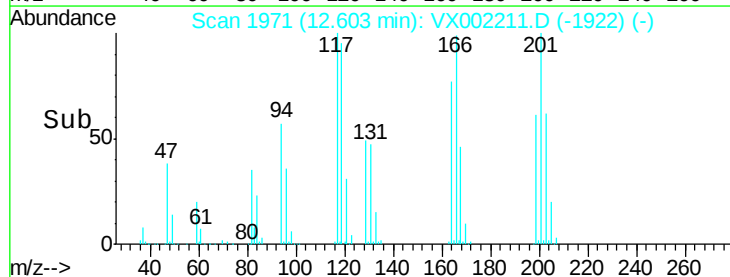
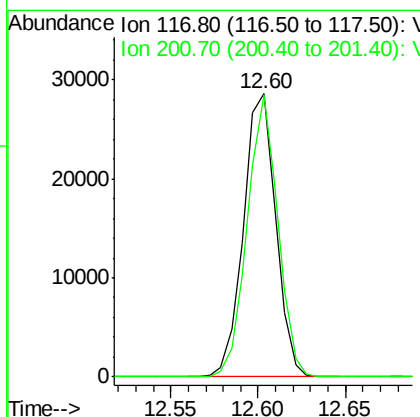
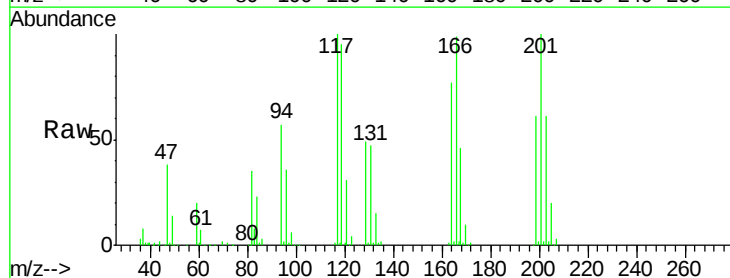
Manual Integrations
APPROVED

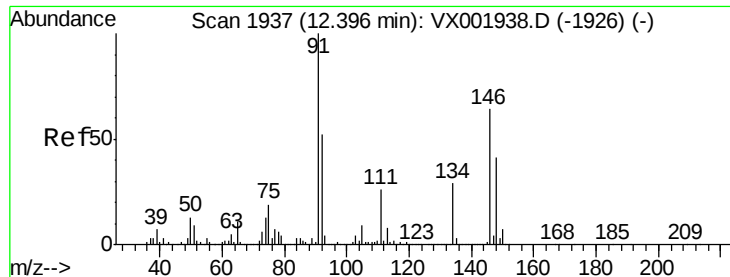
MMDadoda
6/1/2018 6:37:18 PM



#90
Hexachloroethane
Concen: 13.448 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX002211.D
Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	48.0	144.0





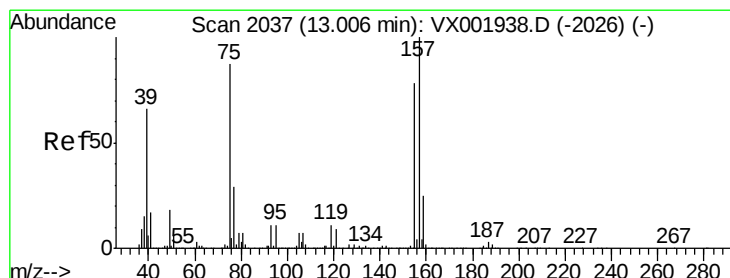
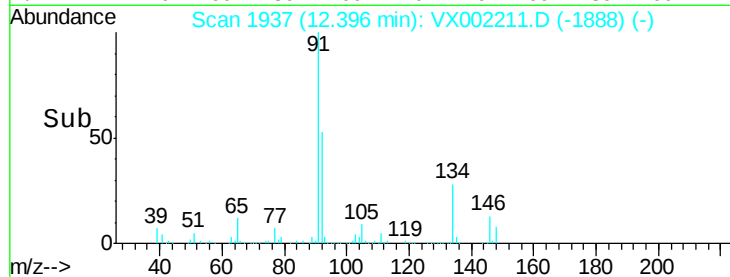
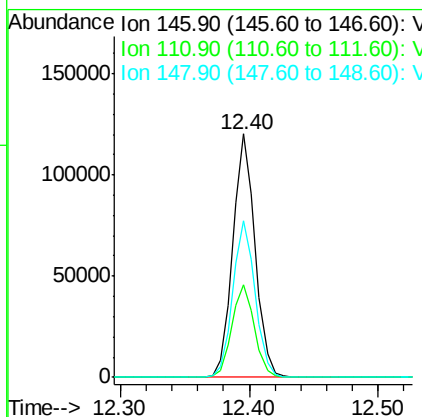
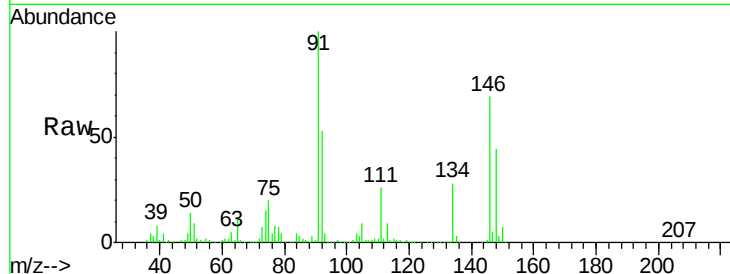
#91
 1,2-Dichlorobenzene
 Concen: 19.468 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.8	59.3
148	64.5	32.1	96.5

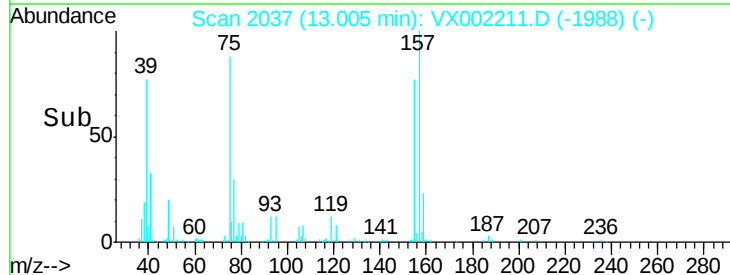
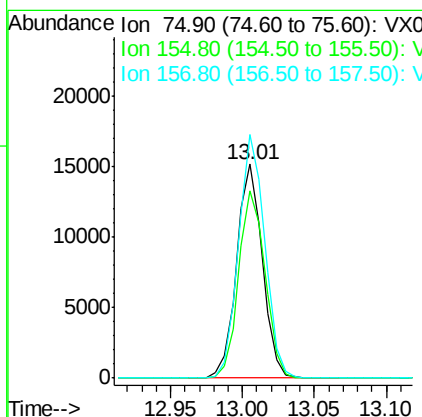
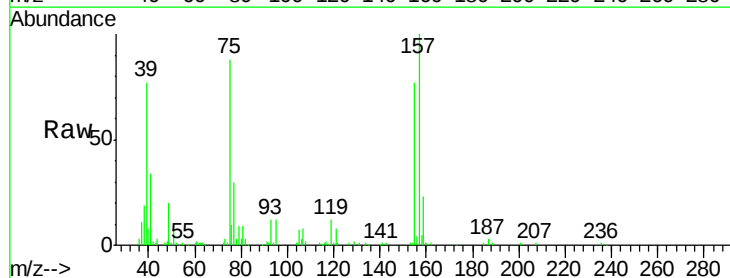
Manual Integrations
 APPROVED

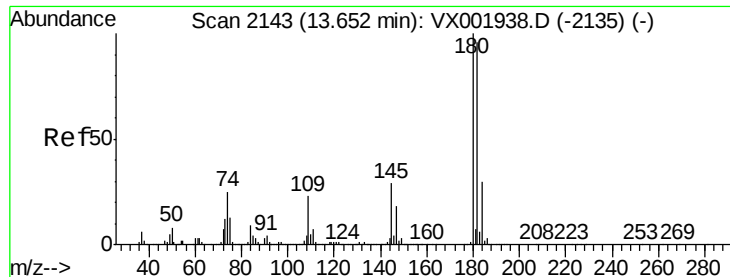
MMDadoda
 6/1/2018 6:37:18 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.879 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	45.1	135.2
157	115.1	58.1	174.2





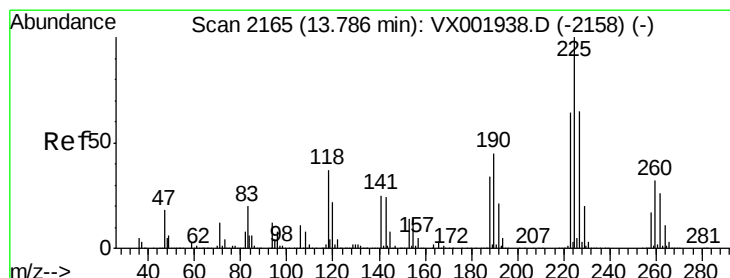
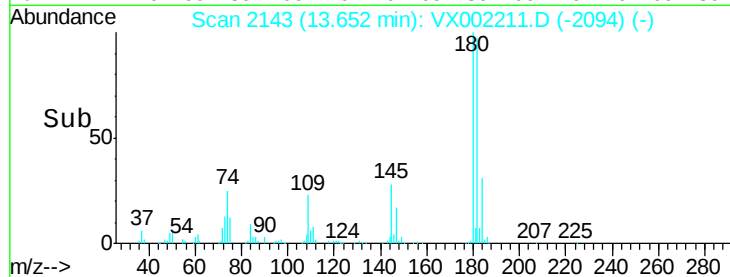
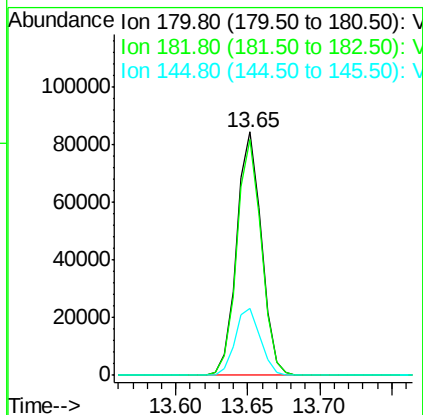
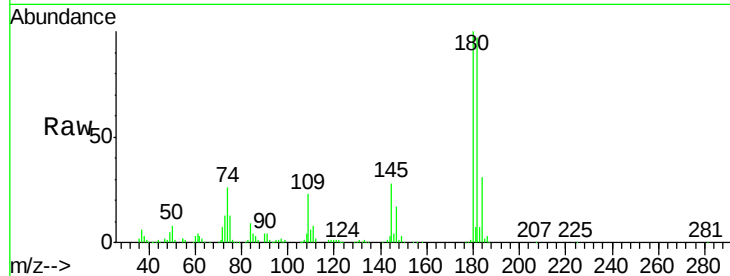
#93
 1,2,4-Trichlorobenzene
 Concen: 19.031 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101176		
182	95.9	47.7	143.1	
145	28.1	14.4	43.0	

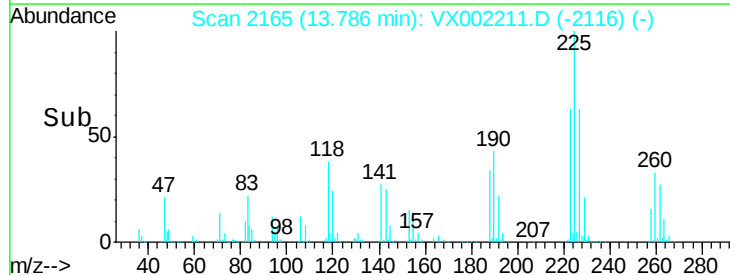
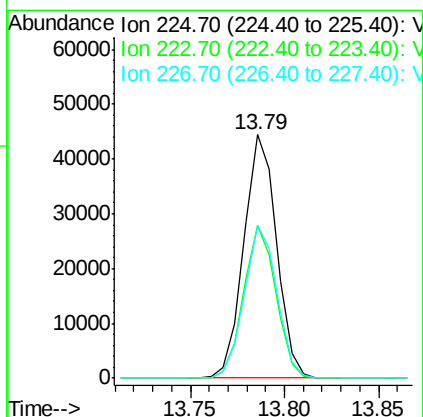
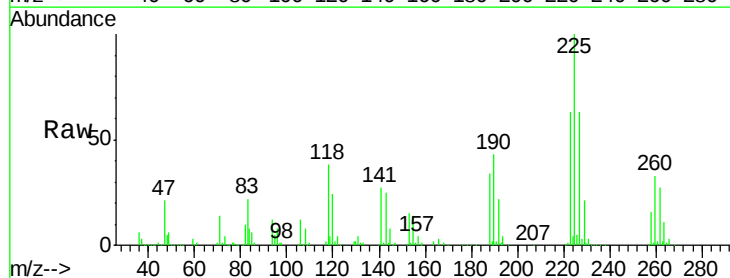
Manual Integrations
 APPROVED

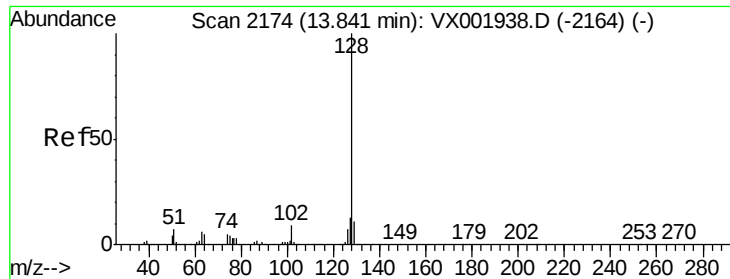
MMDadoda
 6/1/2018 6:37:18 PM



#94
 Hexachlorobutadiene
 Concen: 18.711 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002211.D
 Acq: 01 Jun 2018 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53512		
223	61.6	31.1	93.5	
227	62.6	32.1	96.5	





#95

Naphthalene

Concen: 18.557 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Instrument :

MSVOA_X

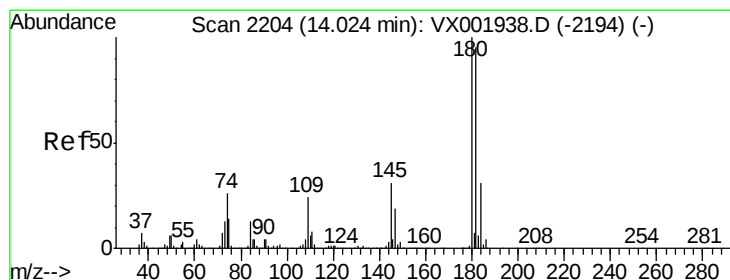
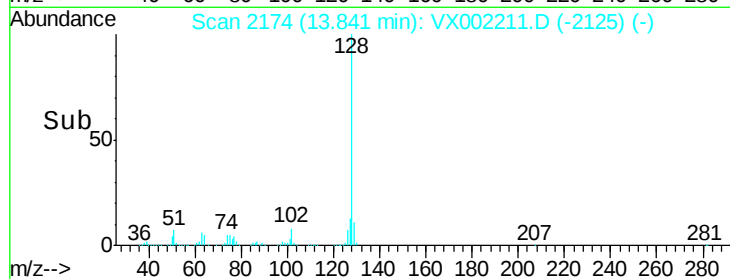
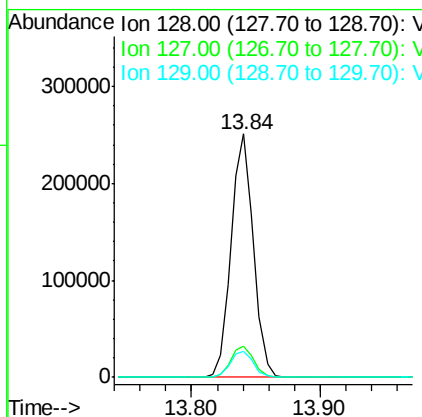
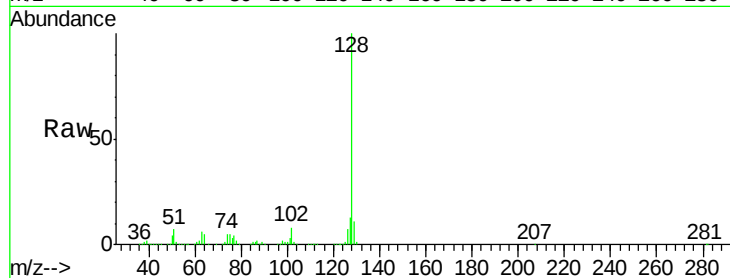
ClientSampleId :

VX0531WBS06

Tot Ion:	128	Resp:	303952
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.4	15.6
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.295 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX002211.D

Acq: 01 Jun 2018 10:59

Tgt Ion:	180	Resp:	106145
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.6
145	30.1	15.1	45.3

