

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006220.D
 Acq On : 30 Nov 2018 10:33
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:28 AM

Quant Time: Nov 30 22:48:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	842003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1241063	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1118307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	584990	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	417116	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	5.51	113	402677	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	8.71	98	1452653	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	11.13	95	547108	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174888	21.213	ug/l	99
3) Chloromethane	1.33	50	168418	19.879	ug/l	95
4) Vinyl Chloride	1.41	62	186936	20.501	ug/l	100
5) Bromomethane	1.64	94	119326	18.883	ug/l	99
6) Chloroethane	1.73	64	112459	20.115	ug/l	99
7) Trichlorofluoromethane	1.93	101	273395	19.533	ug/l	99
8) Diethyl Ether	2.19	74	102331	19.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	154482	19.410	ug/l	100
10) Methyl Iodide	2.51	142	231074	19.265	ug/l	99
11) Tert butyl alcohol	3.07	59	225295	95.843	ug/l	98
12) 1,1-Dichloroethene	2.38	96	147166	19.316	ug/l	92
13) Acrolein	2.29	56	118602	92.312	ug/l	98
14) Allyl chloride	2.73	41	297594	19.773	ug/l	100
15) Acrylonitrile	3.15	53	475969	97.032	ug/l	99
16) Acetone	2.45	43	382108	94.726	ug/l	97
17) Carbon Disulfide	2.57	76	456069	19.426	ug/l	99
18) Methyl Acetate	2.78	43	264953	19.641	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	528461	19.443	ug/l	100
20) Methylene Chloride	2.86	84	159544	18.584	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	157657	19.418	ug/l	100
22) Diisopropyl ether	3.87	45	455188	19.363	ug/l	95
23) Vinyl Acetate	3.82	43	1965313	98.018	ug/l	99
24) 1,1-Dichloroethane	3.70	63	261207	19.440	ug/l	100
25) 2-Butanone	4.70	43	554149	96.279	ug/l	98
26) 2,2-Dichloropropane	4.59	77	242908	19.588	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	174428	19.260	ug/l	98
28) Bromochloromethane	5.01	49	114060	19.434	ug/l	99
29) Tetrahydrofuran	5.15	42	382642	95.656	ug/l	100
30) Chloroform	5.21	83	275255	19.494	ug/l	96
31) Cyclohexane	5.57	56	239631	19.298	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	258764	19.260	ug/l	99
36) 1,1-Dichloropropene	5.80	75	201548	19.285	ug/l	100
37) Ethyl Acetate	4.85	43	225291	19.249	ug/l	99
38) Carbon Tetrachloride	5.78	117	244547	19.890	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006220.D
 Acq On : 30 Nov 2018 10:33
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/3/2018 11:59:28 AM

Quant Time: Nov 30 22:48:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	262816	19.373	ug/l	98
40) Benzene	6.15	78	611514	19.536	ug/l	99
41) Methacrylonitrile	5.06	41	122634	19.042	ug/l	99
42) 1,2-Dichloroethane	6.20	62	203162	19.831	ug/l	99
43) Isopropyl Acetate	6.46	43	372848	19.107	ug/l	99
44) Trichloroethene	7.21	130	183561	19.358	ug/l	97
45) 1,2-Dichloropropane	7.52	63	154419	19.411	ug/l	98
46) Dibromomethane	7.66	93	112344	19.553	ug/l	99
47) Bromodichloromethane	7.90	83	218778	19.663	ug/l	99
48) Methyl methacrylate	7.77	41	180765	19.042	ug/l	99
49) 1,4-Dioxane	7.75	88	92150	393.850	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1109675	97.685	ug/l	99
52) Toluene	8.79	92	403897	19.613	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	254211	19.536	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	265543	19.653	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	165751	19.812	ug/l	98
56) Ethyl methacrylate	9.18	69	254143	19.431	ug/l	99
57) 1,3-Dichloropropane	9.37	76	260406	19.684	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	647149	97.507	ug/l	100
59) 2-Hexanone	9.49	43	851806	98.147	ug/l	100
60) Dibromochloromethane	9.59	129	202008	19.581	ug/l	99
61) 1,2-Dibromoethane	9.67	107	181228	19.373	ug/l	100
64) Tetrachloroethene	9.34	164	164069	19.481	ug/l	97
65) Chlorobenzene	10.14	112	468753	19.746	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	182975	19.838	ug/l	99
67) Ethyl Benzene	10.25	91	776738	19.673	ug/l	100
68) m/p-Xylenes	10.36	106	621591	39.302	ug/l	99
69) o-Xylene	10.70	106	305726	19.570	ug/l	99
70) Styrene	10.71	104	494901	19.587	ug/l	99
71) Bromoform	10.86	173	173428	19.919	ug/l #	100
73) Isopropylbenzene	11.02	105	799915	19.800	ug/l	99
74) N-amyl acetate	10.90	43	335705	19.297	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	254923	19.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	250233m	22.162	ug/l	
77) Bromobenzene	11.26	156	221161	19.727	ug/l	99
78) n-propylbenzene	11.36	91	886370	19.738	ug/l	100
79) 2-Chlorotoluene	11.42	91	527402	19.760	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	664509	19.769	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	95176	19.781	ug/l	97
82) 4-Chlorotoluene	11.51	91	606656	19.549	ug/l	100
83) tert-Butylbenzene	11.77	119	709393	19.780	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	675236	19.455	ug/l	99
85) sec-Butylbenzene	11.94	105	798306	19.566	ug/l	100
86) p-Isopropyltoluene	12.06	119	721117	19.628	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	396512	19.876	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	388276	19.176	ug/l	98
89) n-Butylbenzene	12.39	91	604016	19.269	ug/l	99
90) Hexachloroethane	12.60	117	145928	19.489	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	391395	19.769	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	60943	18.395	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006220.D
Acq On : 30 Nov 2018 10:33
Operator : JC/MD
Sample : VX1130WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

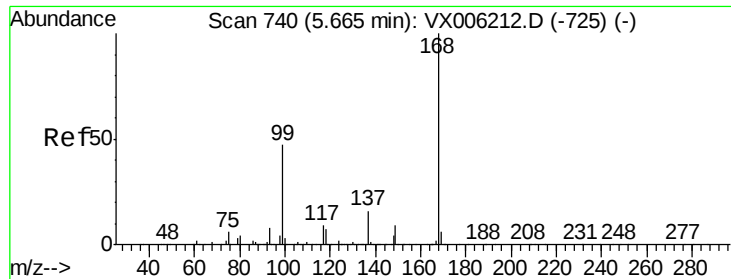
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM

Quant Time: Nov 30 22:48:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	282140	19.533	ug/l	99
94) Hexachlorobutadiene	13.79	225	127133	19.902	ug/l	99
95) Naphthalene	13.83	128	868117	19.321	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	279390	19.529	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:168 Resp: 842003

Ion Ratio Lower Upper

168 100

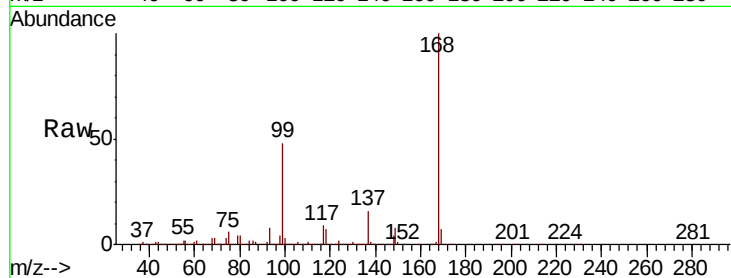
99 47.5 37.8 56.8

Manual Integrations

APPROVED

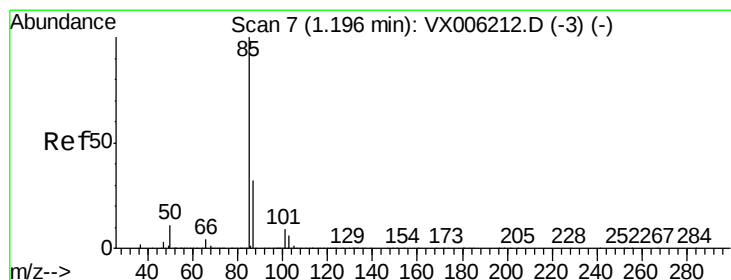
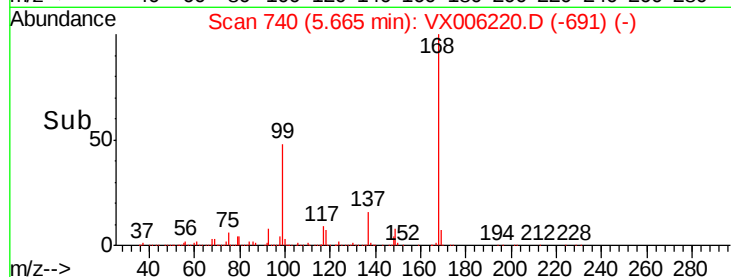
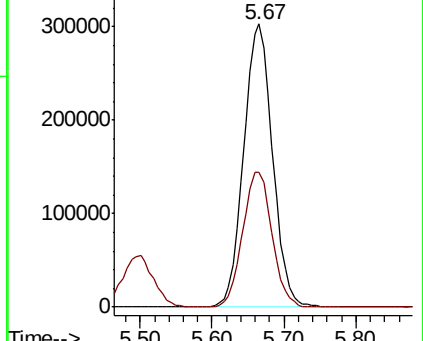
MMDadoda

12/3/2018 11:59:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.213 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006220.D

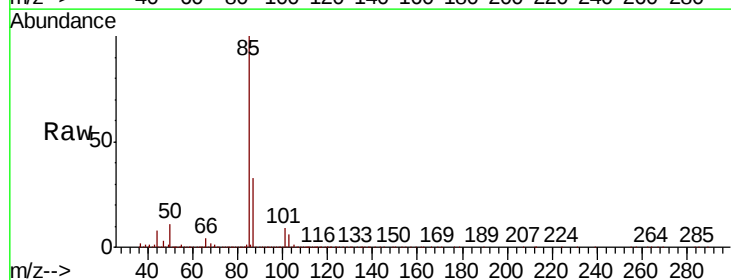
Acq: 30 Nov 2018 10:33

Tgt Ion: 85 Resp: 174888

Ion Ratio Lower Upper

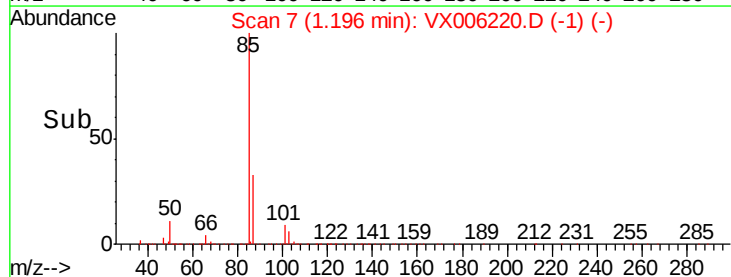
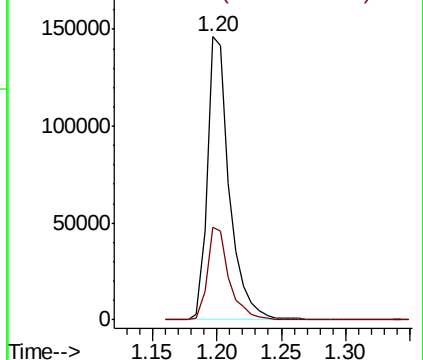
85 100

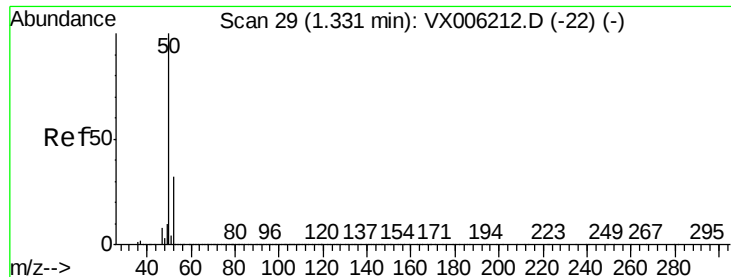
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.879 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 50 Resp: 168418

Ion Ratio Lower Upper

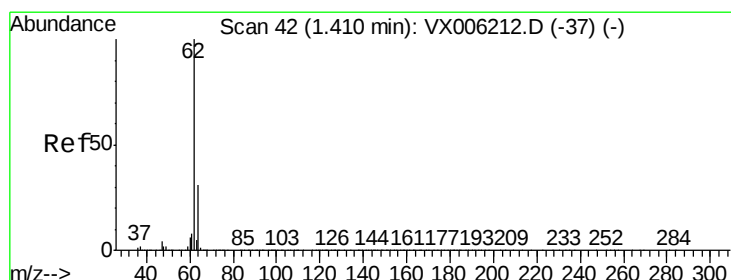
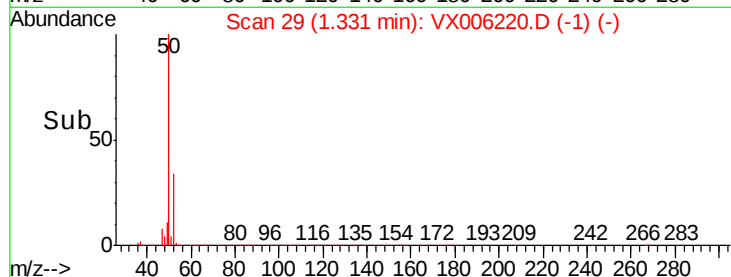
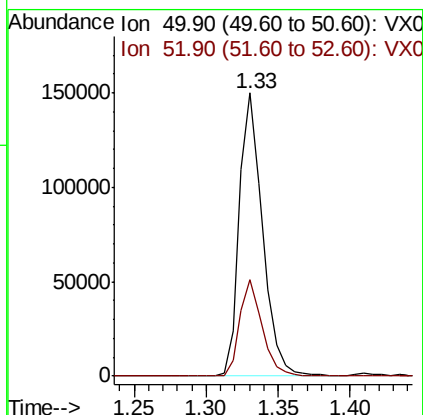
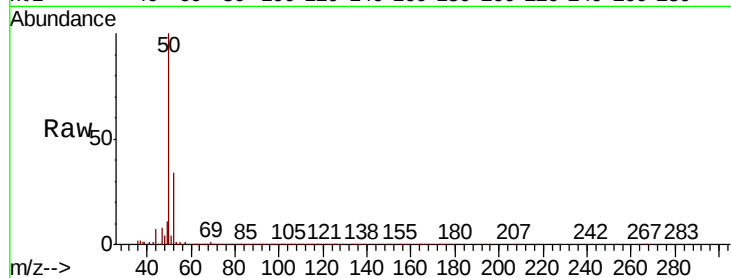
50 100

52 34.2 25.2 37.8

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#4

Vinyl Chloride

Concen: 20.501 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006220.D

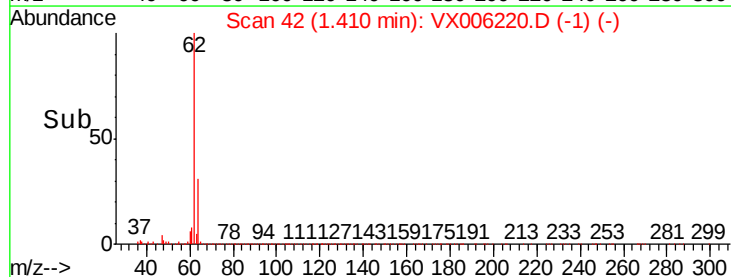
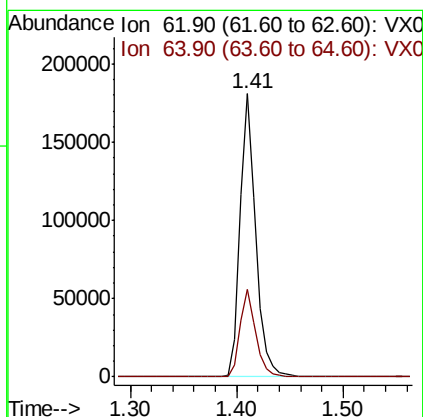
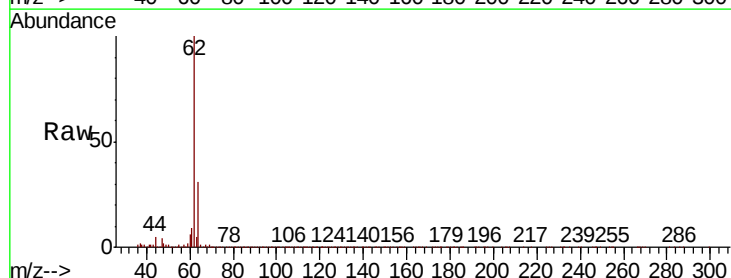
Acq: 30 Nov 2018 10:33

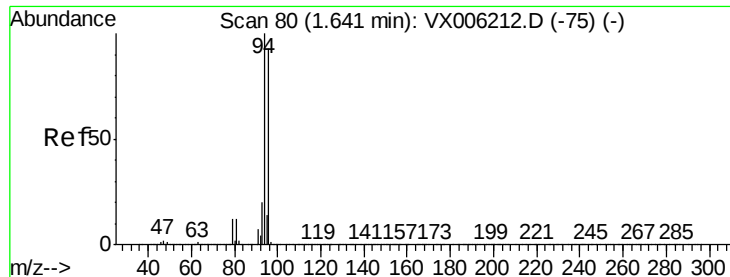
Tgt Ion: 62 Resp: 186936

Ion Ratio Lower Upper

62 100

64 30.9 24.9 37.3





#5

Bromomethane

Concen: 18.883 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 94 Resp: 119326

Ion Ratio Lower Upper

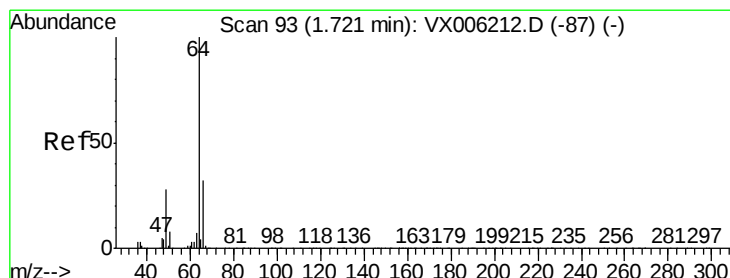
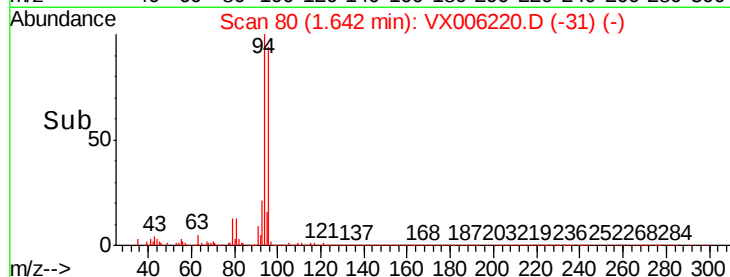
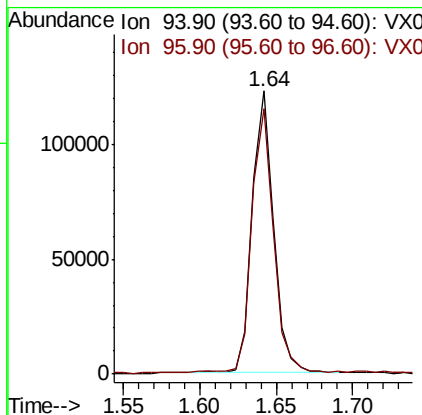
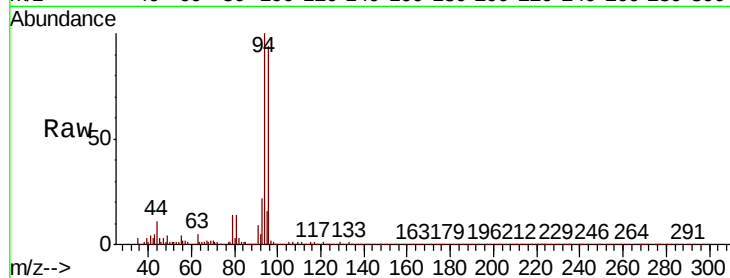
94 100

96 93.7 74.5 111.7

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#6

Chloroethane

Concen: 20.115 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006220.D

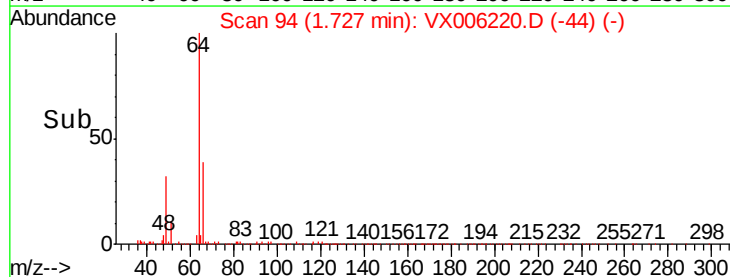
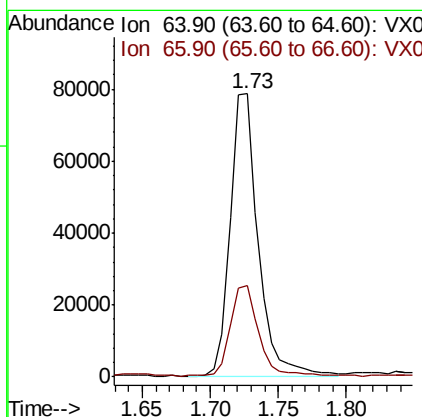
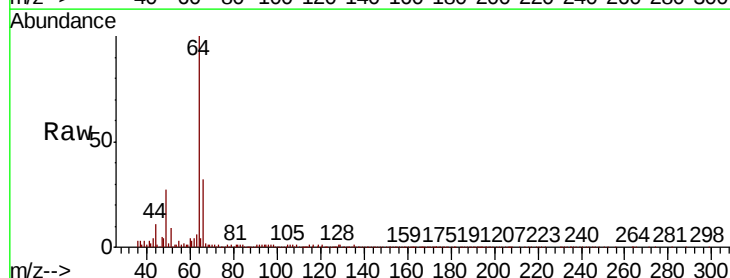
Acq: 30 Nov 2018 10:33

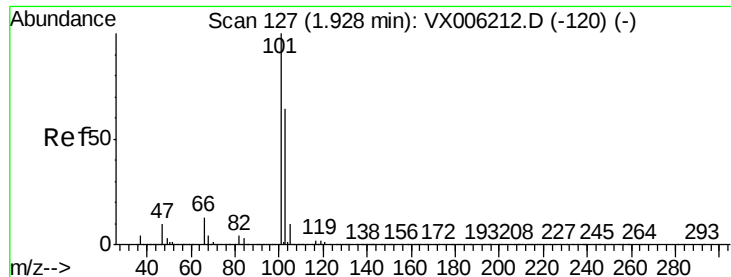
Tgt Ion: 64 Resp: 112459

Ion Ratio Lower Upper

64 100

66 31.9 25.9 38.9





#7

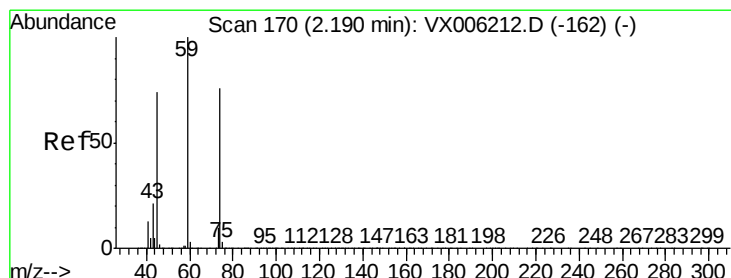
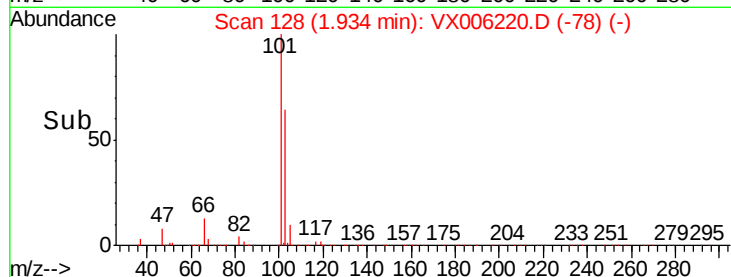
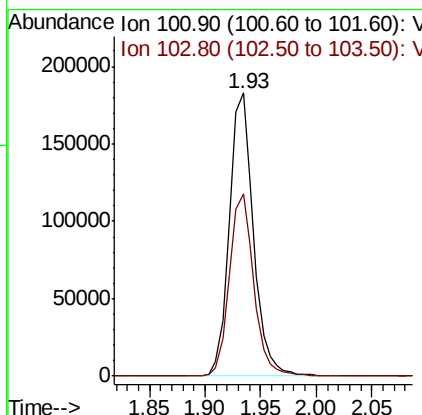
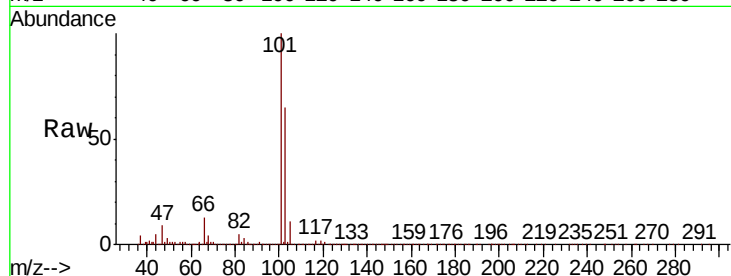
Trichlorofluoromethane
Concen: 19.533 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	273395		
103	64.5	51.0	76.4	

Manual Integrations
APPROVED

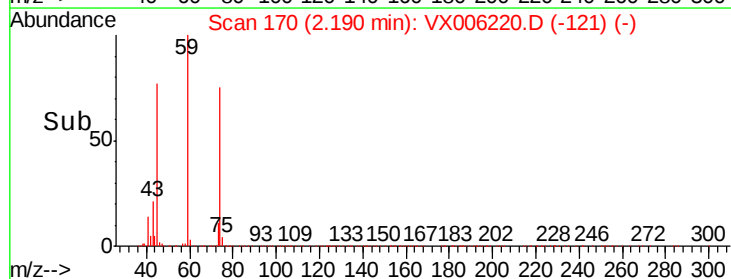
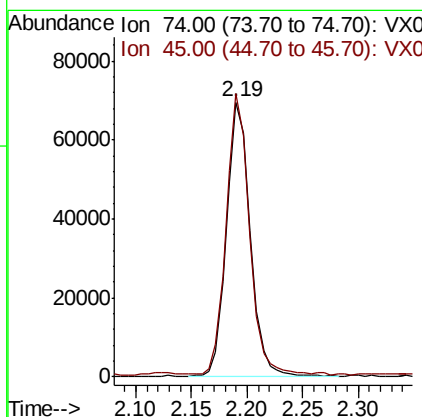
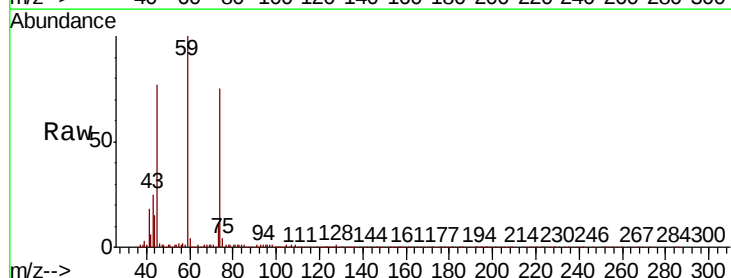
MMDadoda
12/3/2018 11:59:28 AM

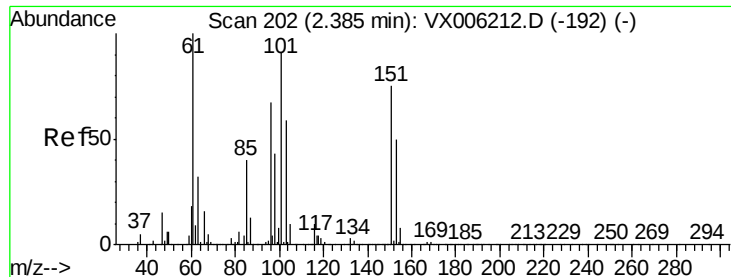


#8

Diethyl Ether
Concen: 19.318 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102331		
45	100.0	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.410 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

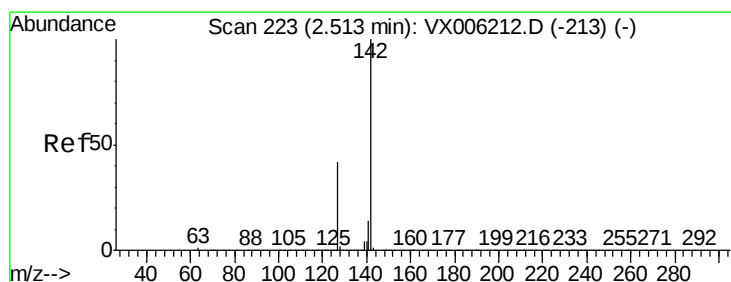
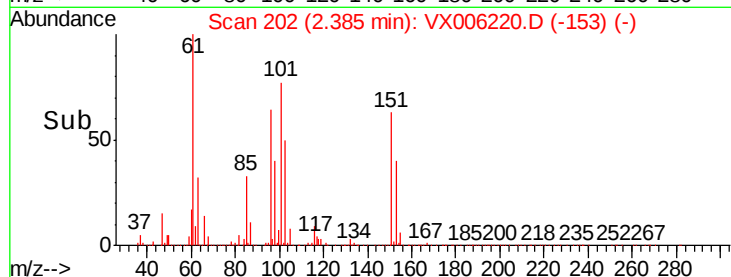
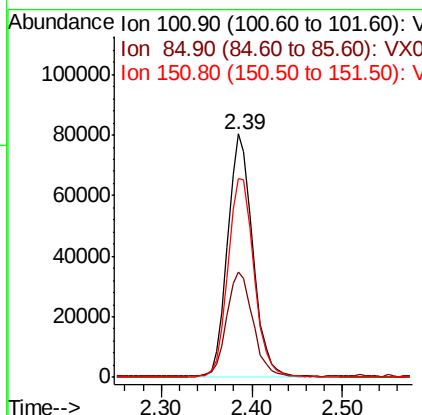
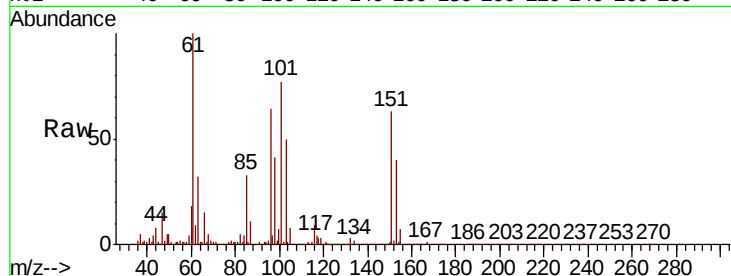
ClientSampled :

VX1130WBS01

Tot Ion:	101	Resp:	154482
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.5	53.3
151	85.4	68.6	103.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#10

Methyl Iodide

Concen: 19.265 ug/l

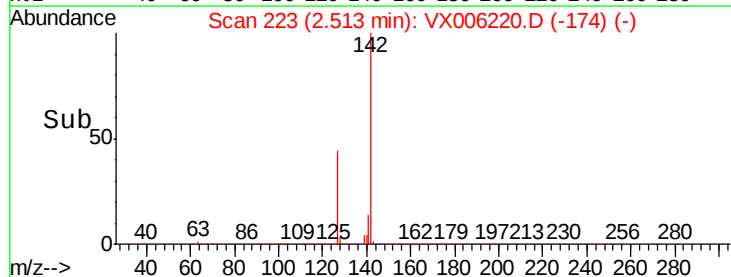
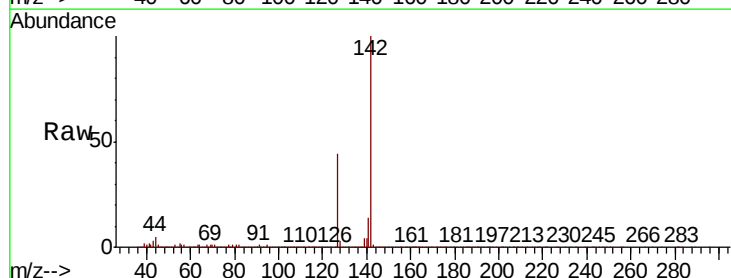
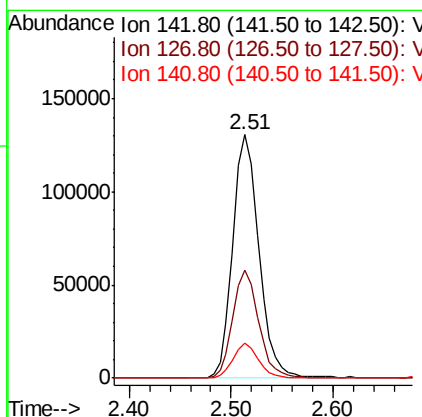
RT: 2.51 min Scan# 223

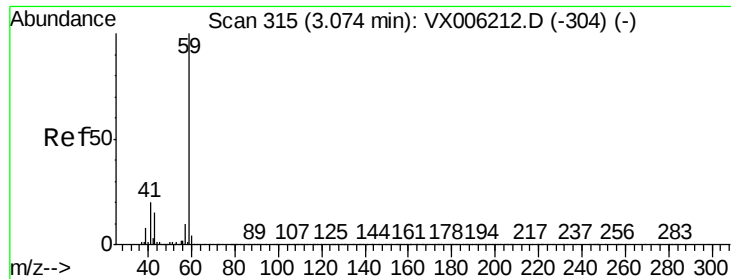
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	142	Resp:	231074
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.8	52.2
141	13.4	11.4	17.2





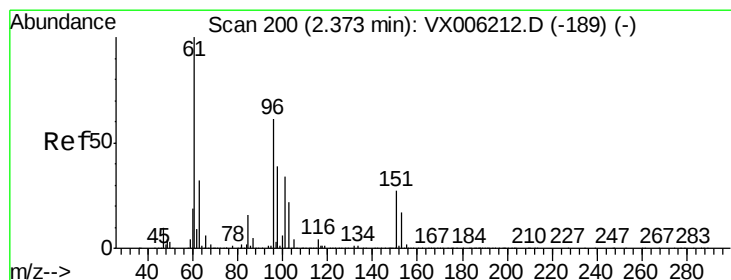
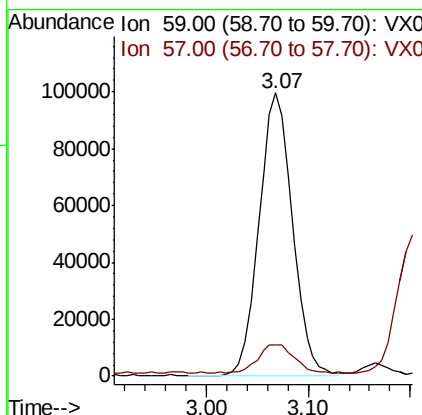
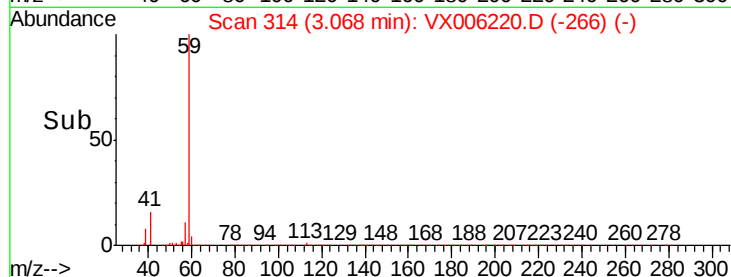
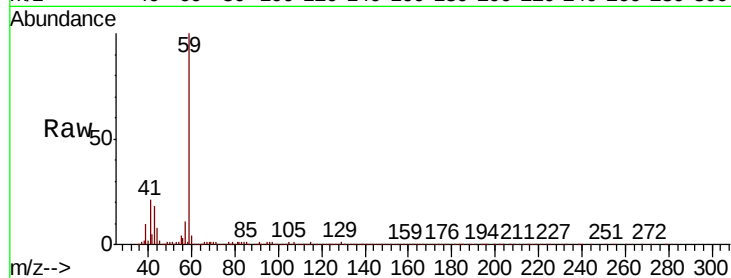
#11
Tert butyl alcohol
Concen: 95.843 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

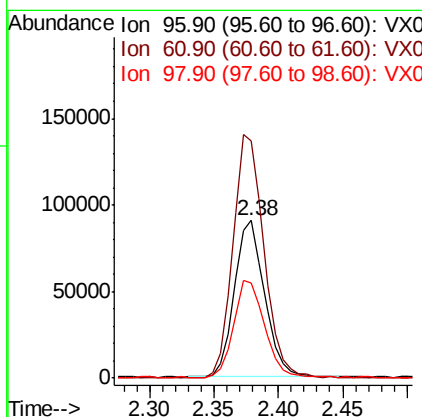
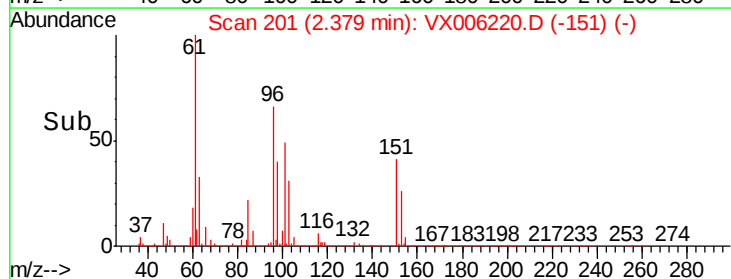
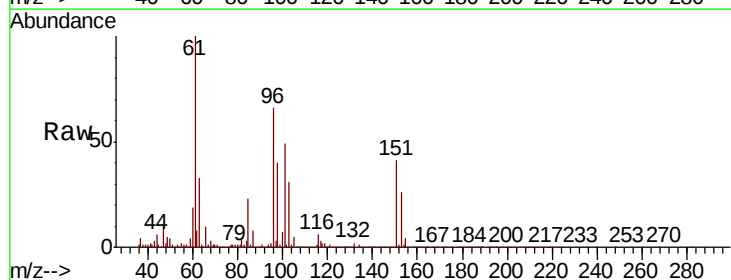
Manual Integrations
APPROVED

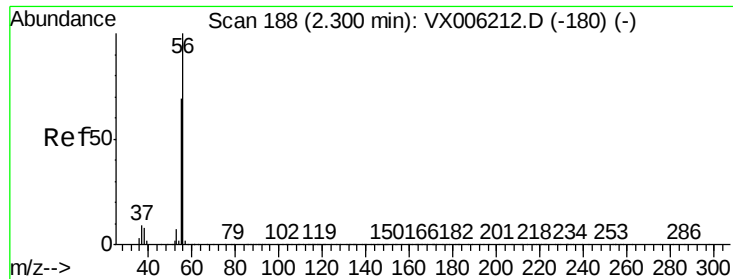
MMDadoda
12/3/2018 11:59:28 AM



#12
1,1-Dichloroethene
Concen: 19.316 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	131.7	197.5
98	60.6	51.8	77.6





#13

Acrolein

Concen: 92.312 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 56 Resp: 118602

Ion Ratio Lower Upper

56 100

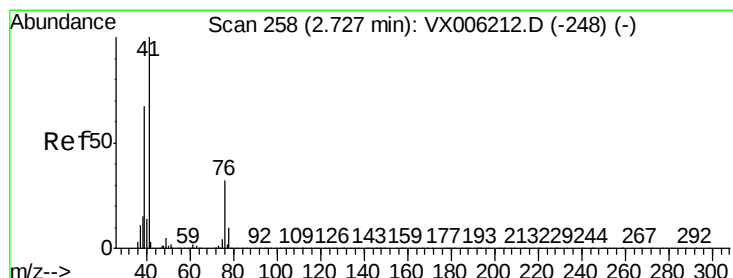
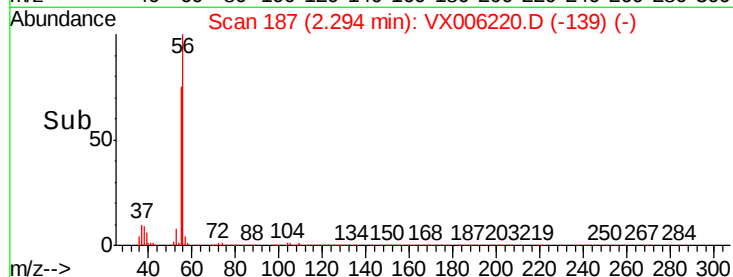
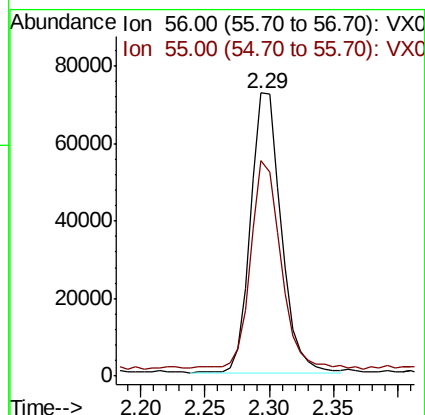
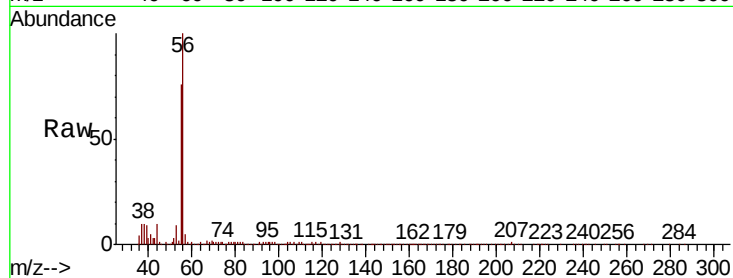
55 73.8 57.8 86.6

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#14

Allyl chloride

Concen: 19.773 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

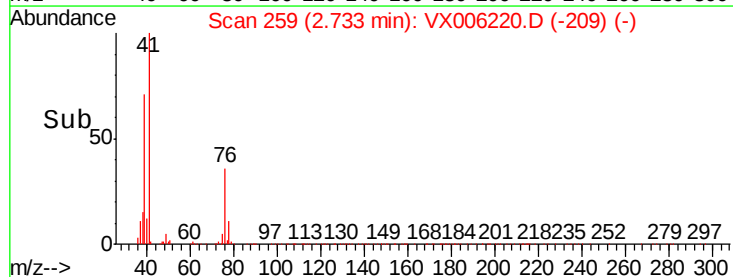
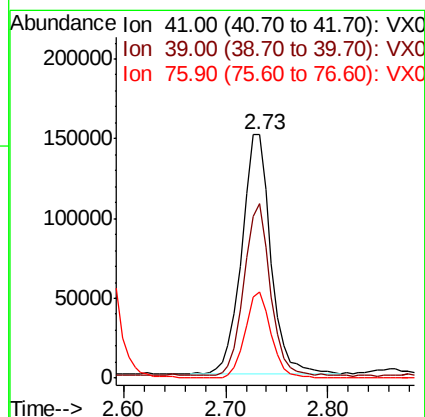
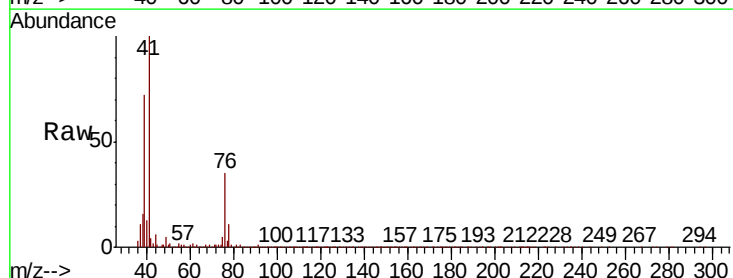
Tgt Ion: 41 Resp: 297594

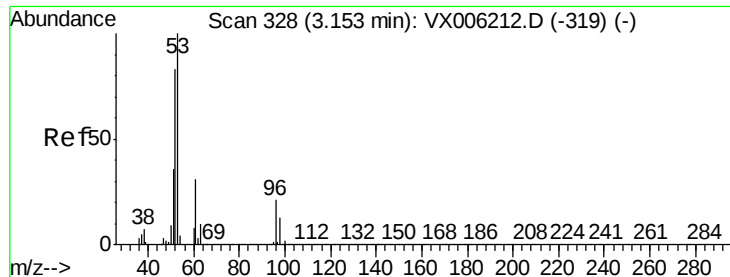
Ion Ratio Lower Upper

41 100

39 65.6 52.4 78.6

76 31.8 25.4 38.0





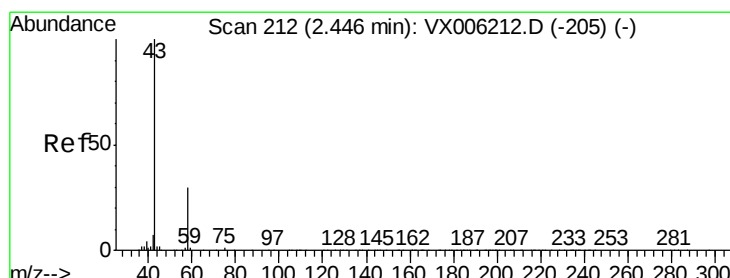
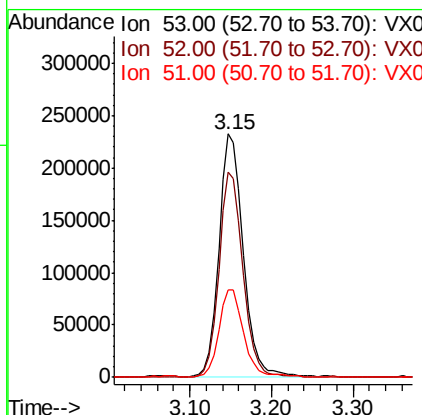
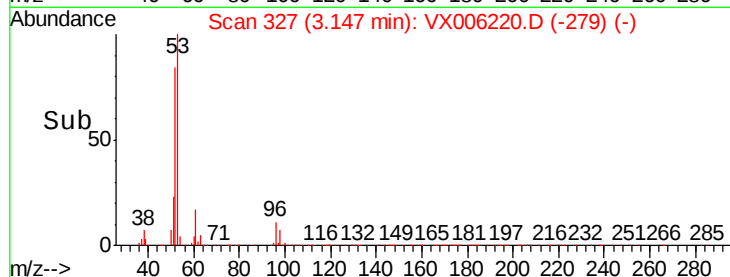
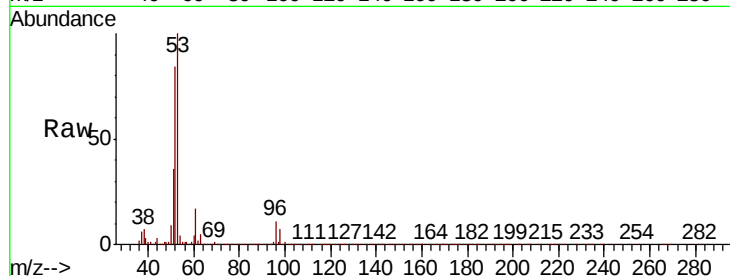
#15
Acrylonitrile
Concen: 97.032 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion:	53	Resp:	475969
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.2	99.4
51	36.1	28.7	43.1

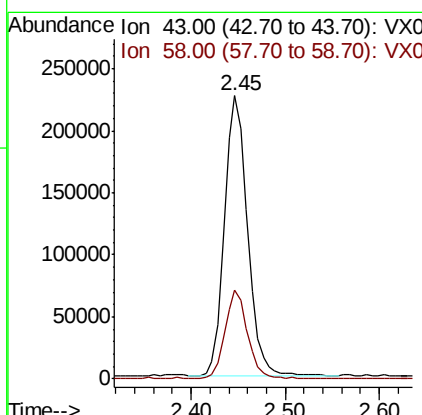
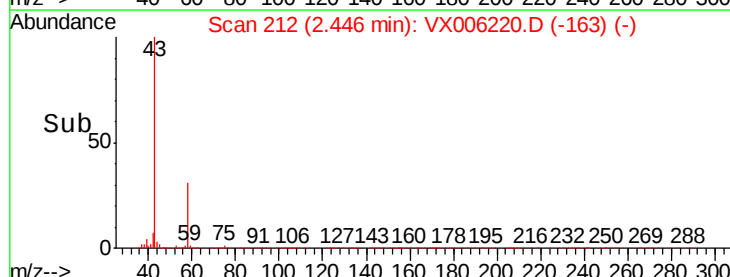
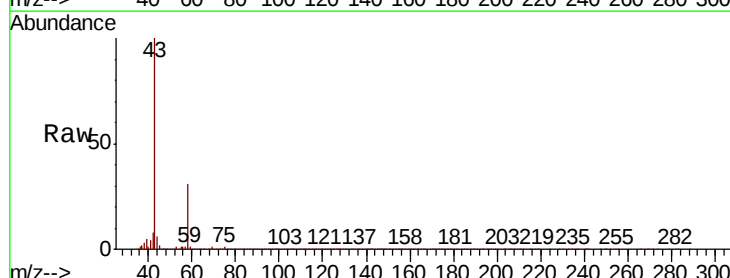
Manual Integrations
APPROVED

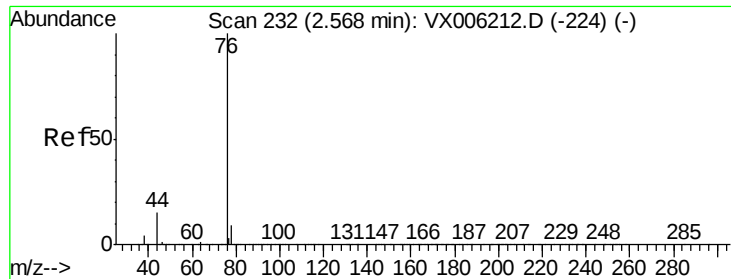
MMDadoda
12/3/2018 11:59:28 AM



#16
Acetone
Concen: 94.726 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion:	43	Resp:	382108
Ion Ratio	Lower	Upper	
43	100		
58	31.4	24.0	36.0





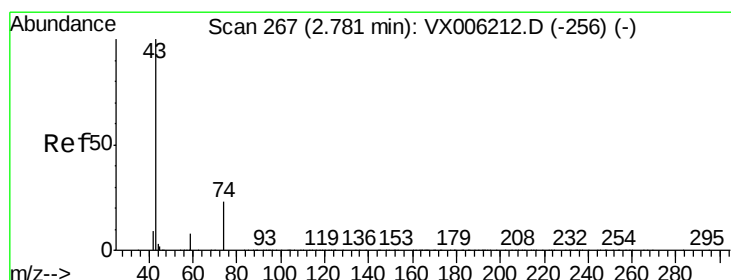
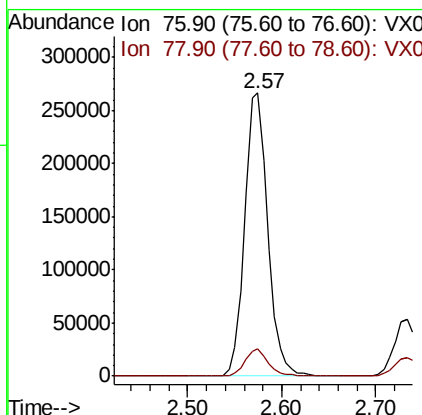
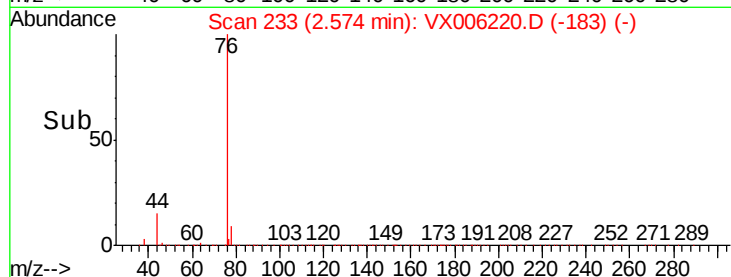
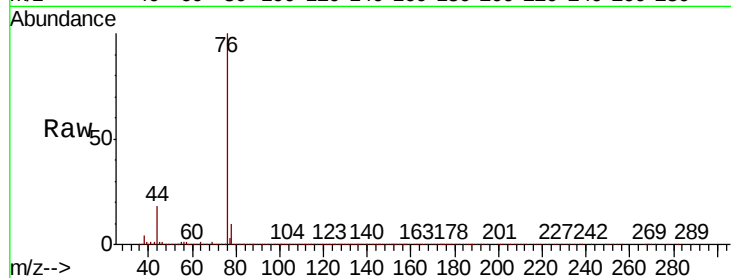
#17
Carbon Disulfide
Concen: 19.426 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

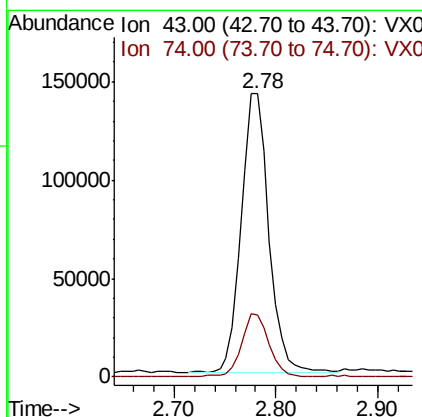
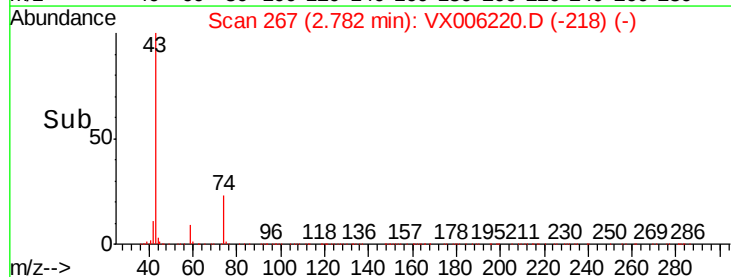
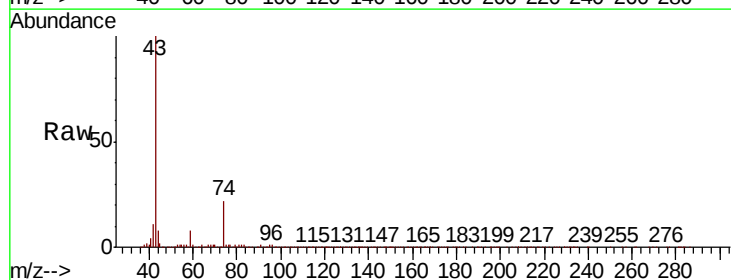
Manual Integrations
APPROVED

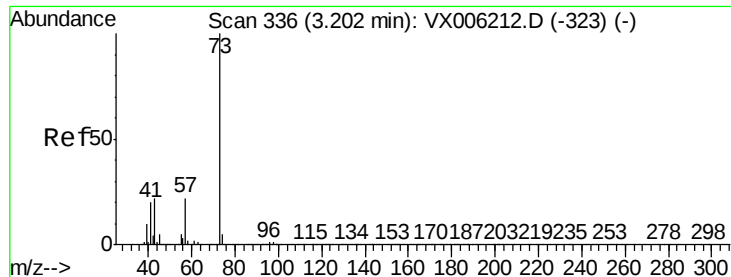
MMDadoda
12/3/2018 11:59:28 AM



#18
Methyl Acetate
Concen: 19.641 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.9	26.9





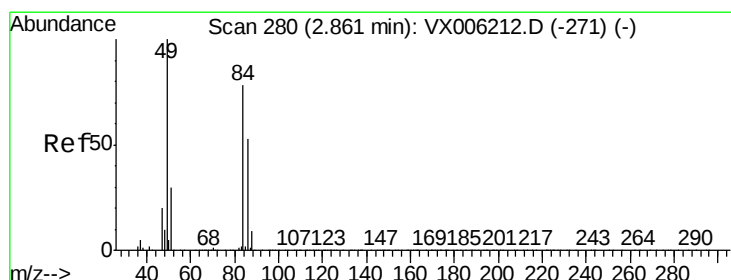
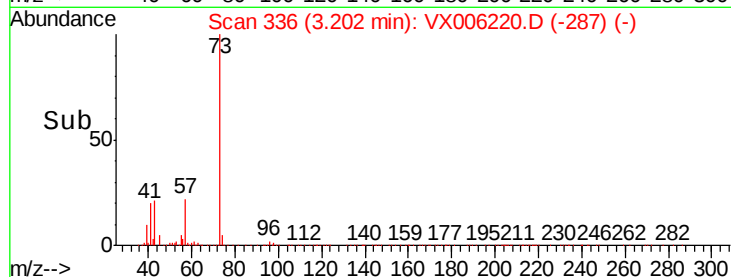
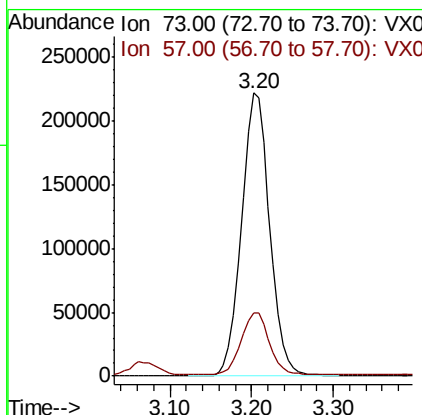
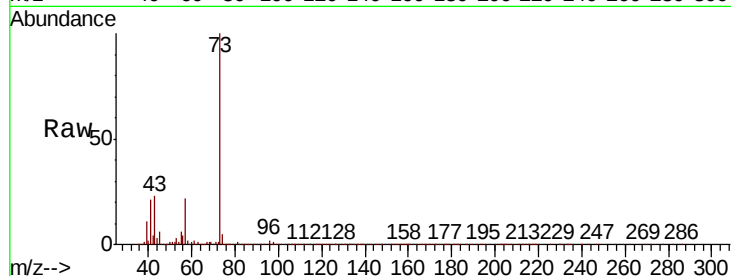
#19
Methvl tert-butvl Ether
Concen: 19.443 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.5	26.3

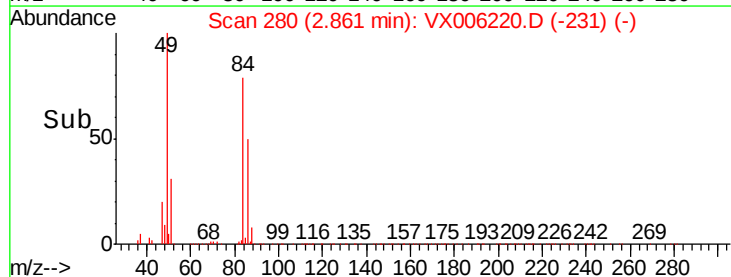
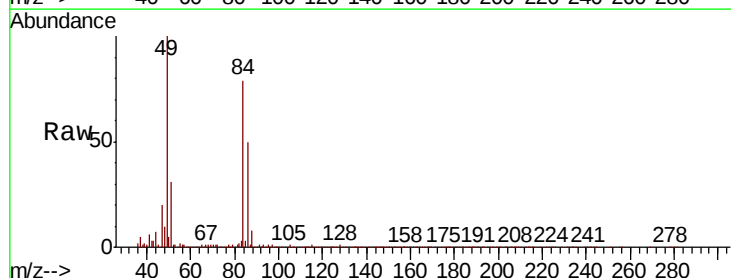
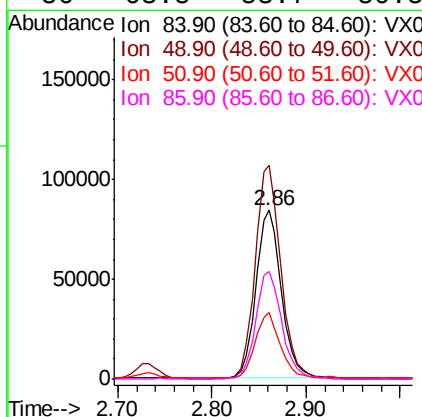
Manual Integrations
APPROVED

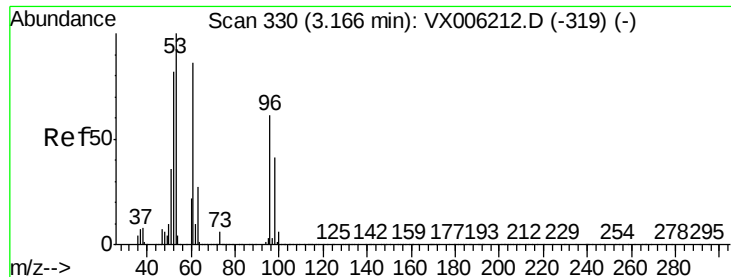
MMDadoda
12/3/2018 11:59:28 AM



#20
Methylene Chloride
Concen: 18.584 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	102.2	153.4
51	38.8	31.1	46.7
86	63.5	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 19.418 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

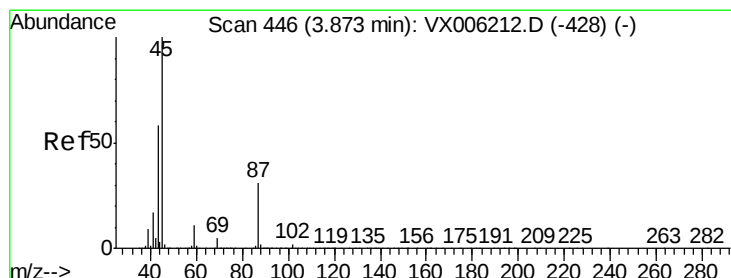
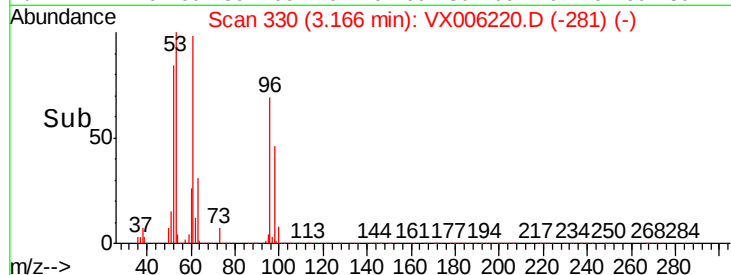
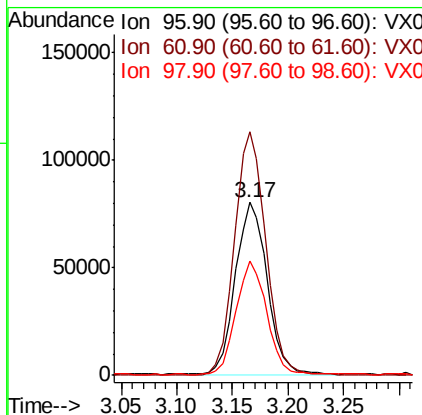
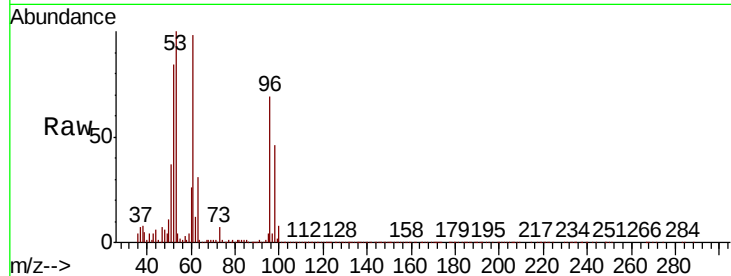
ClientSampleId :

VX1130WBS01

Tot Ion:	96	Resp:	157657
Ion Ratio	Lower	Upper	
96	100		
61	141.4	113.3	169.9
98	65.7	53.2	79.8

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#22

Diisopropyl ether

Concen: 19.363 ug/l

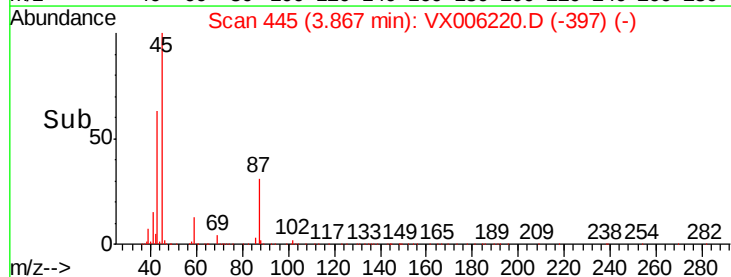
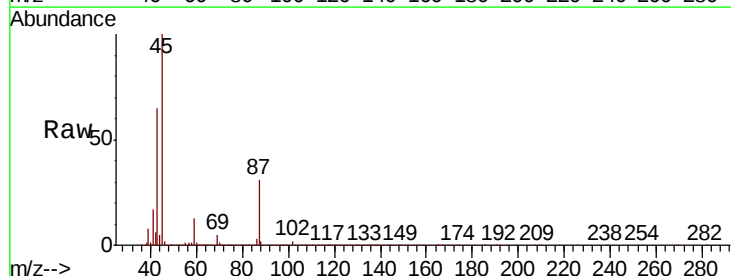
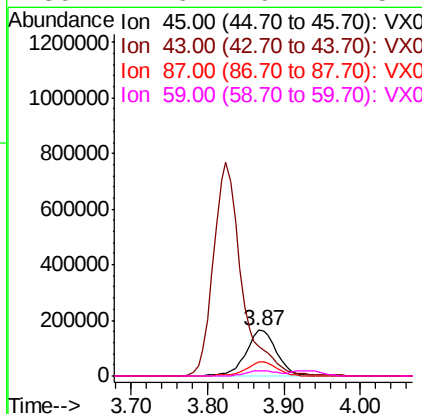
RT: 3.87 min Scan# 445

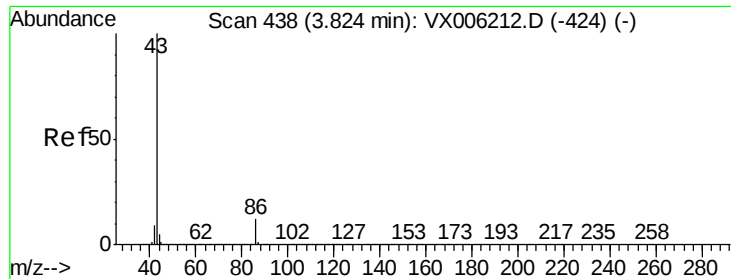
Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	45	Resp:	455188
Ion Ratio	Lower	Upper	
45	100		
43	63.2	46.2	69.2
87	30.7	24.9	37.3
59	12.6	9.1	13.7





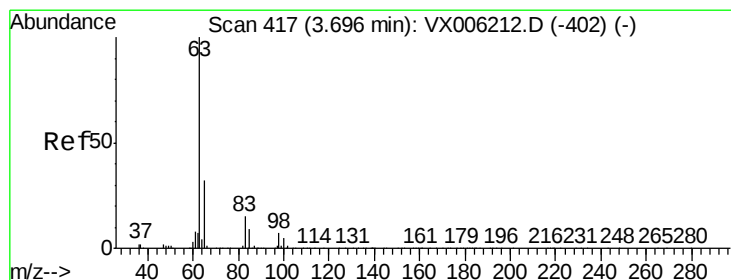
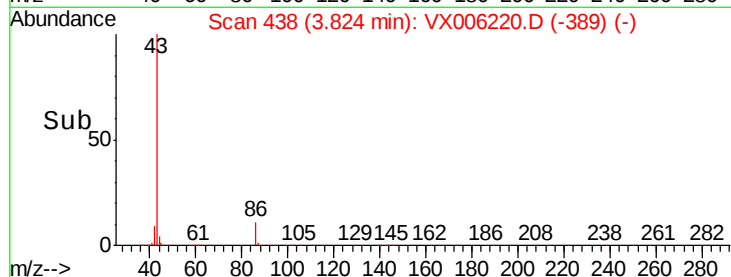
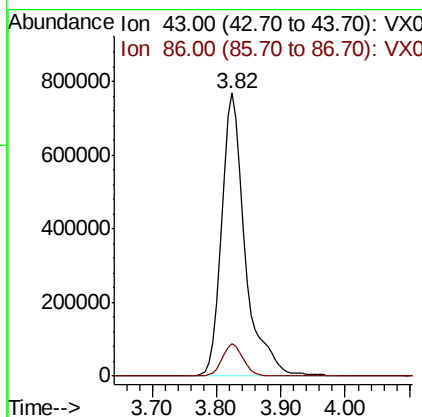
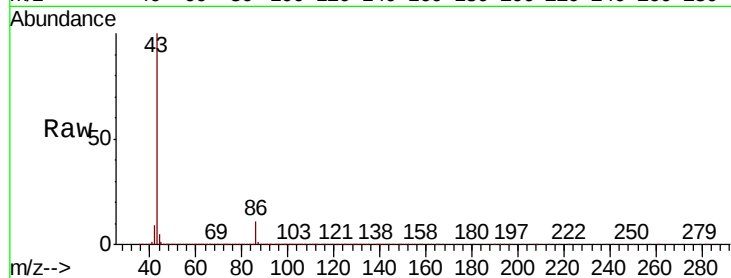
#23
 Vinyl Acetate
 Concen: 98.018 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion: 43 Resp: 1965313
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.4 14.0

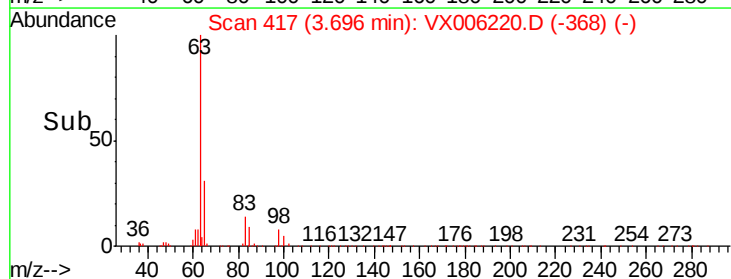
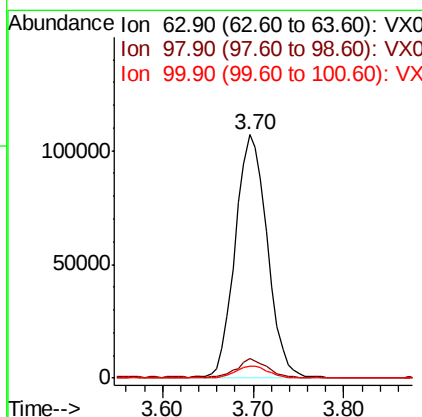
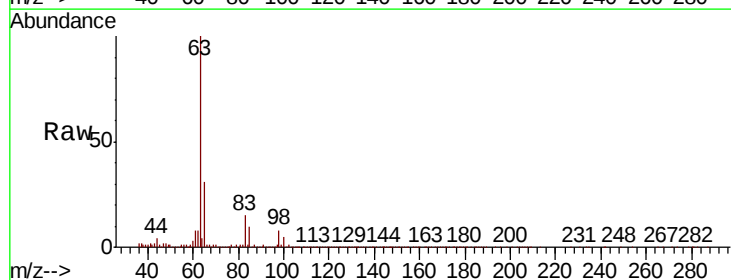
Manual Integrations
 APPROVED

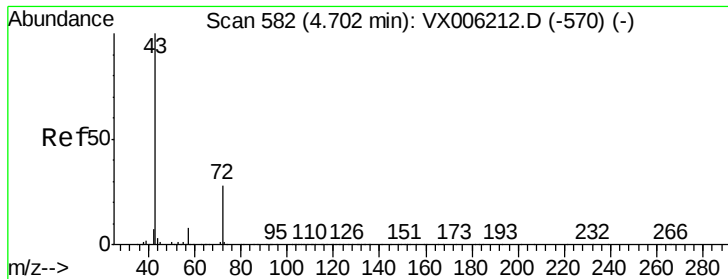
MMDadoda
 12/3/2018 11:59:28 AM



#24
 1,1-Dichloroethane
 Concen: 19.440 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion: 63 Resp: 261207
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.9 2.5 7.4





#25

2-Butanone

Concen: 96.279 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 43 Resp: 554149

Ion Ratio Lower Upper

43 100

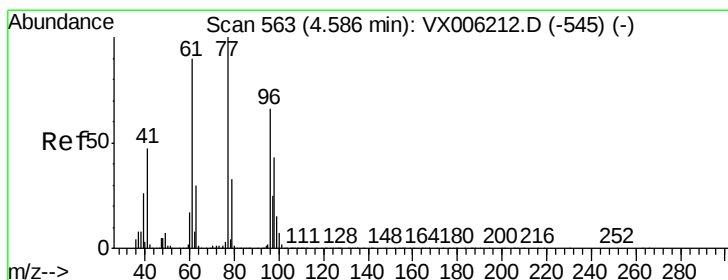
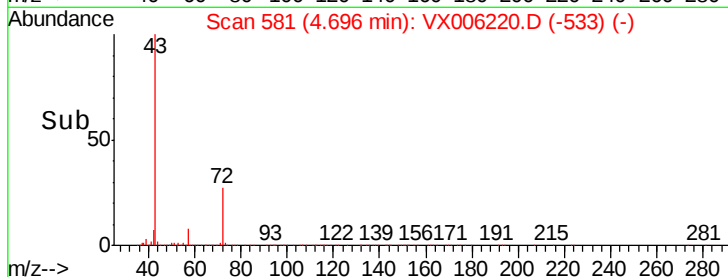
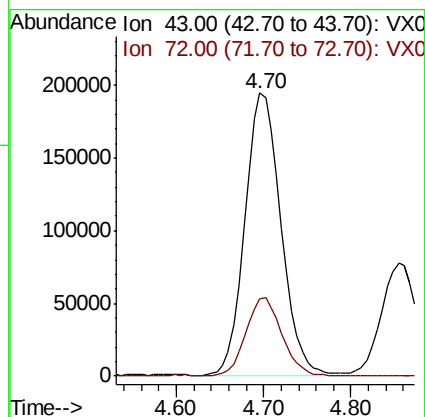
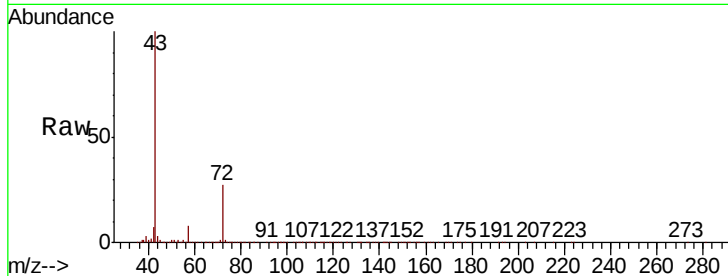
72 27.3 22.6 33.8

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#26

2,2-Dichloropropane

Concen: 19.588 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006220.D

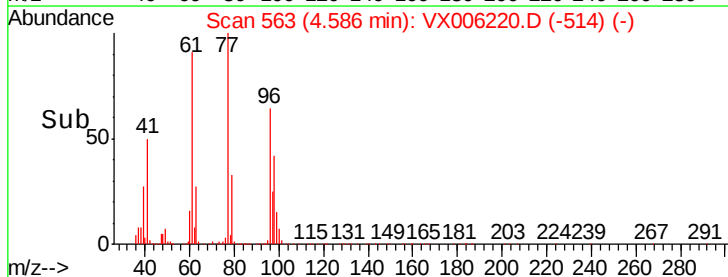
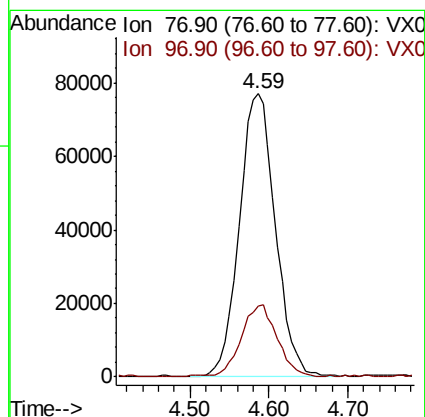
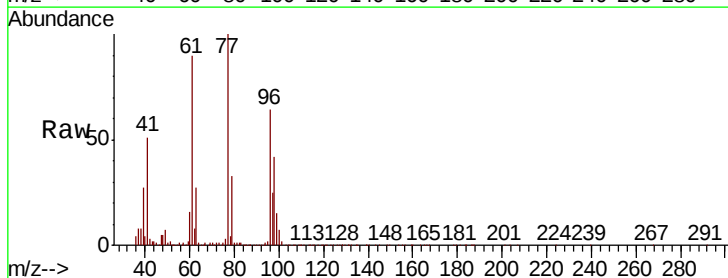
Acq: 30 Nov 2018 10:33

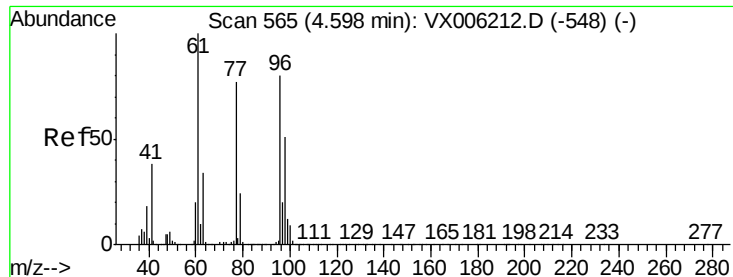
Tgt Ion: 77 Resp: 242908

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8





#27

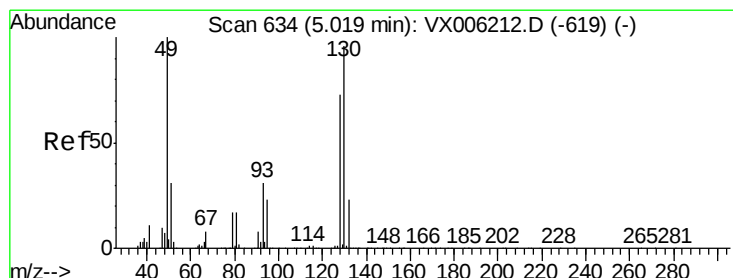
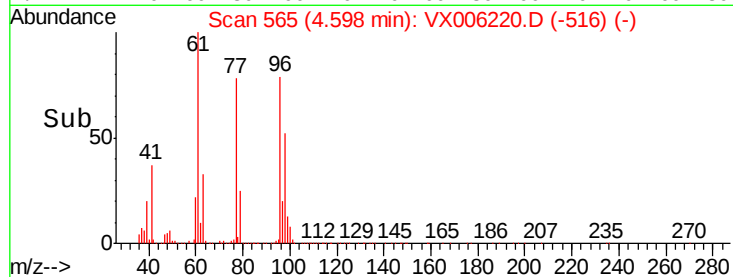
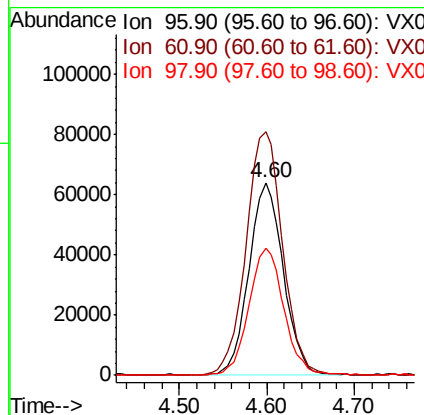
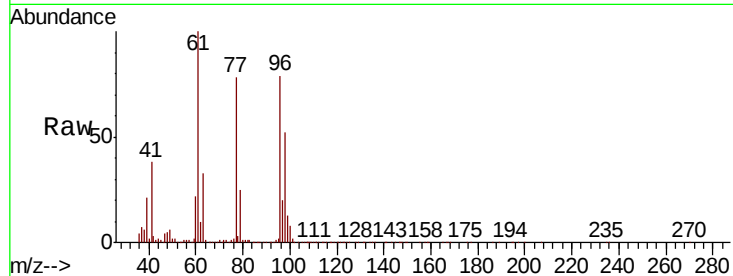
cis-1,2-Dichloroethene
Concen: 19.260 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	134.6	0.0	265.0		
98	66.7	0.0	130.2		

Manual Integrations
APPROVED

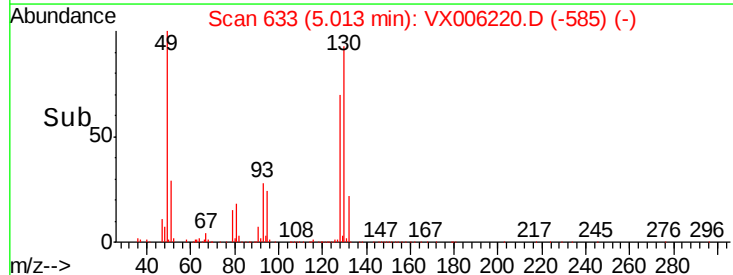
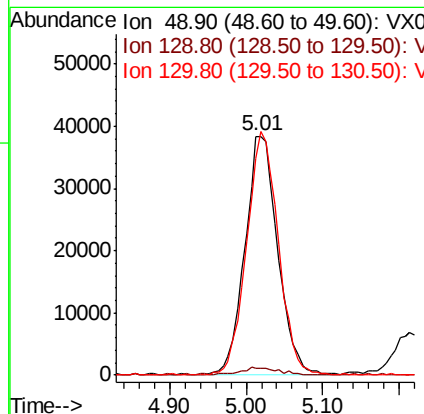
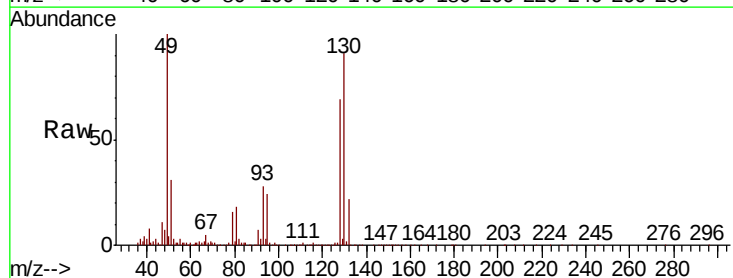
MMDadoda
12/3/2018 11:59:28 AM

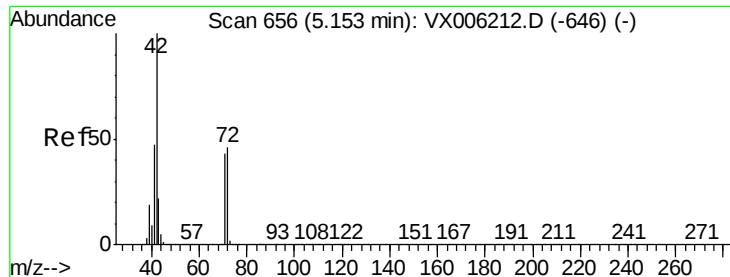


#28

Bromochloromethane
Concen: 19.434 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100				
129	3.6	0.0	5.0		
130	99.1	78.3	117.5		





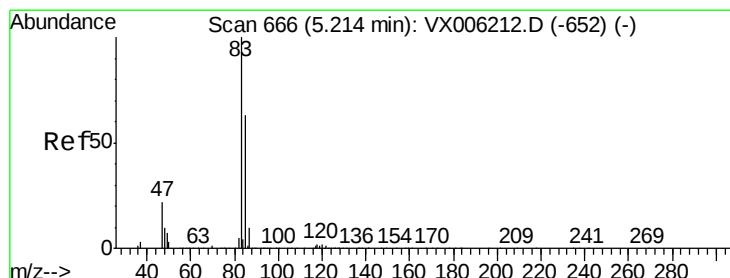
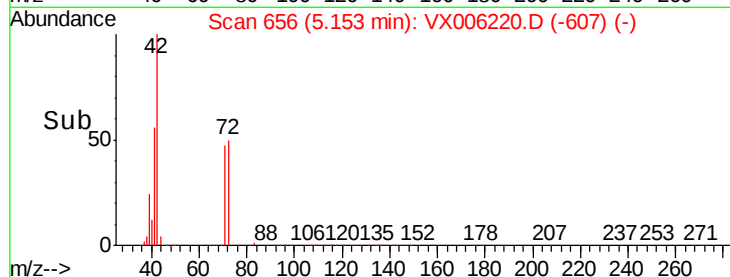
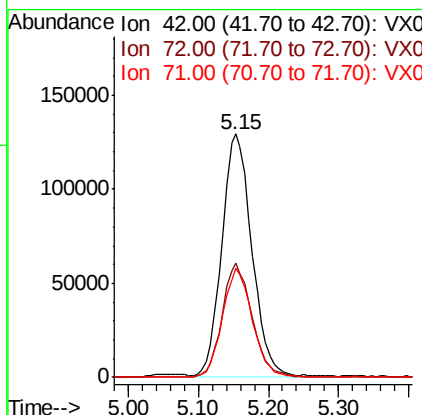
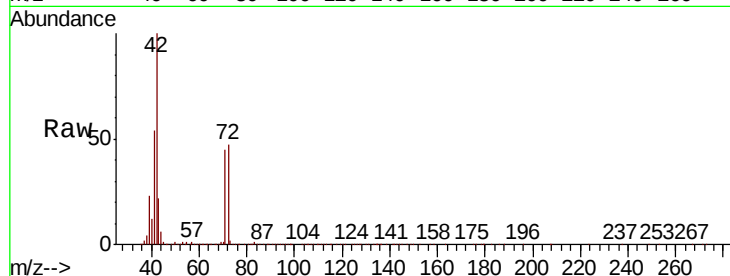
#29
Tetrahydrofuran
Concen: 95.656 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.8	56.8
71	44.3	35.2	52.8

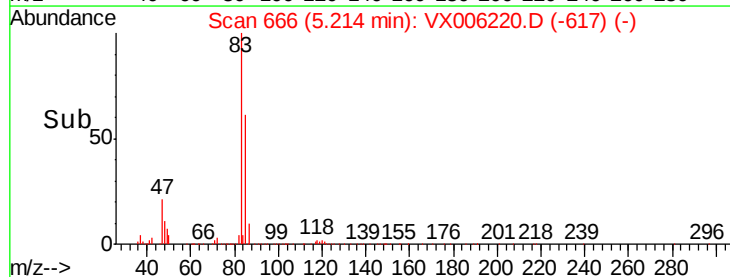
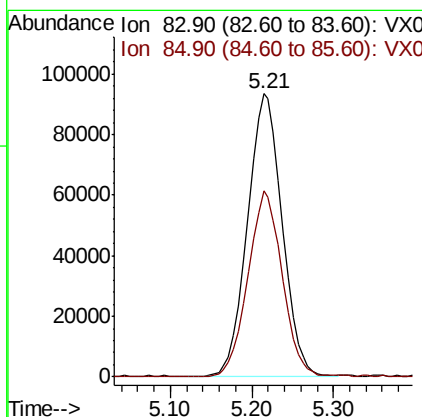
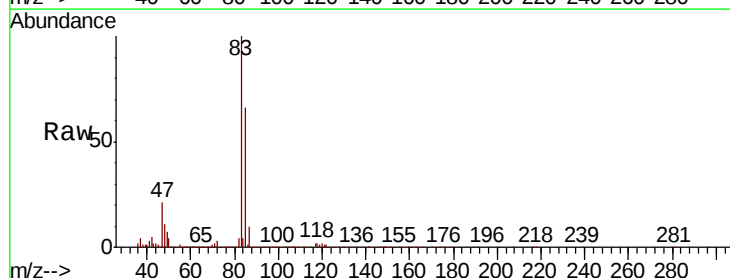
Manual Integrations
APPROVED

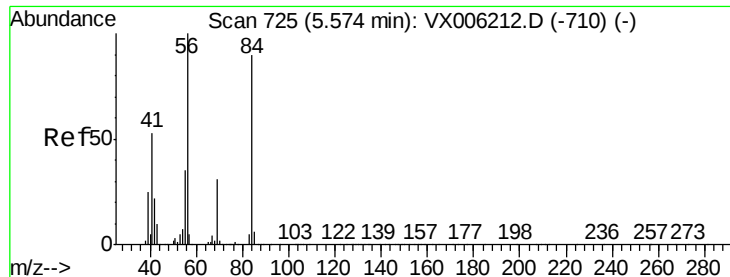
MMDadoda
12/3/2018 11:59:28 AM



#30
Chloroform
Concen: 19.494 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.3	75.5





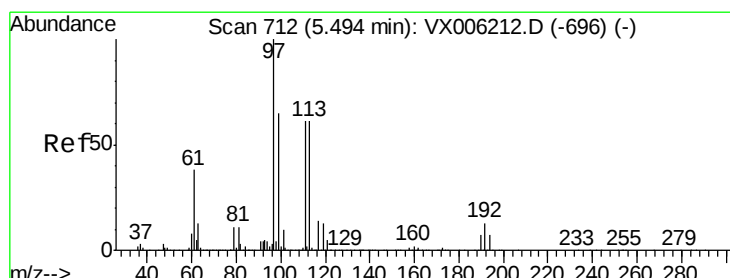
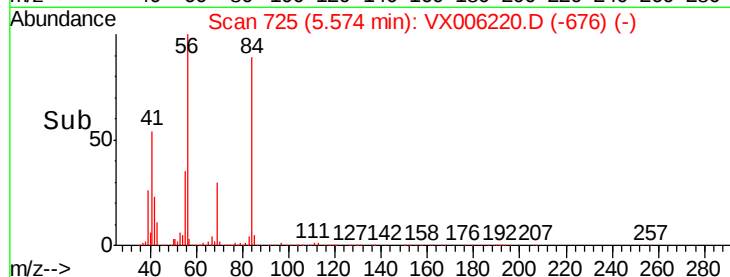
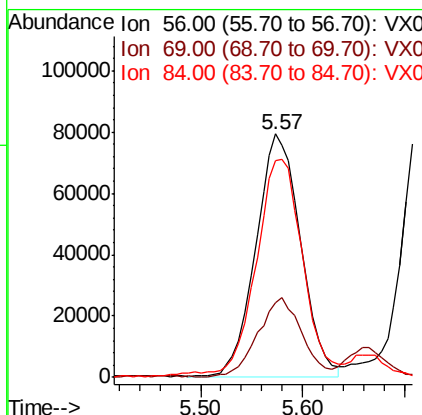
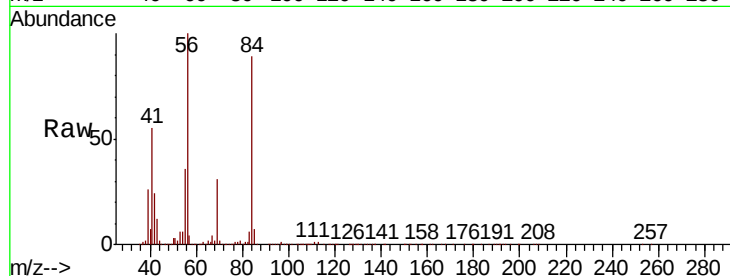
#31
Cyclohexane
Concen: 19.298 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.5	36.7
84	87.8	71.8	107.6

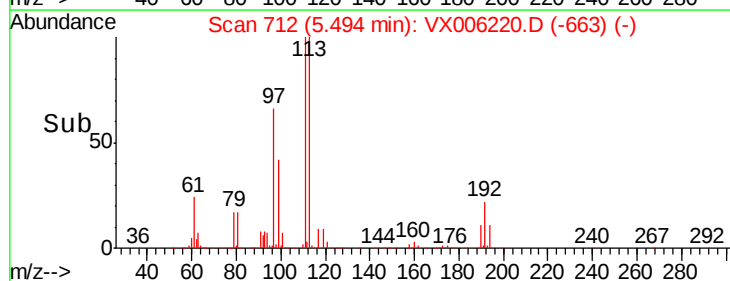
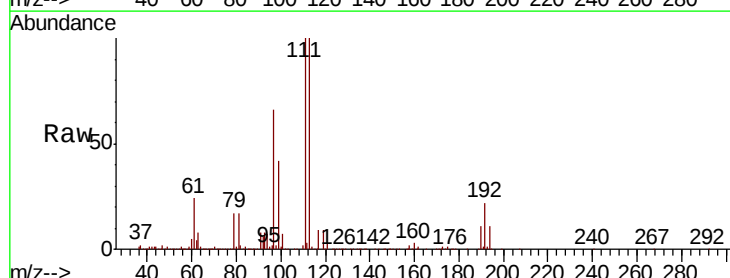
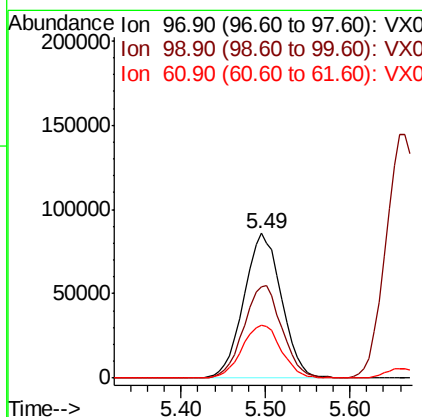
Manual Integrations
APPROVED

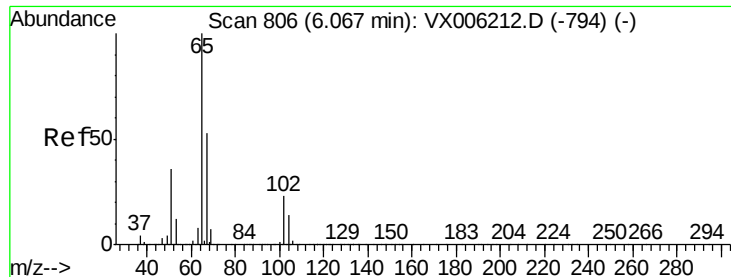
MMDadoda
12/3/2018 11:59:28 AM



#32
1,1,1-Trichloroethane
Concen: 19.260 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	38.0	30.6	46.0





#33

1,2-Dichloroethane-d4

Concen: 48.527 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 65 Resp: 417116

Ion Ratio Lower Upper

65 100

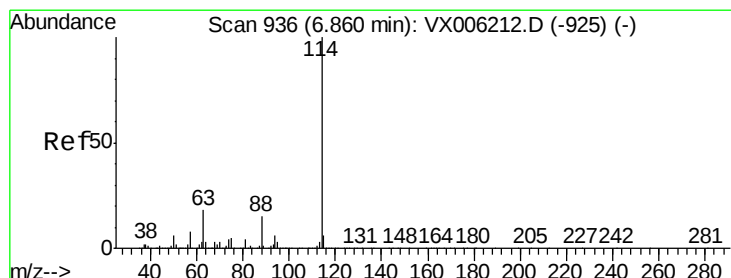
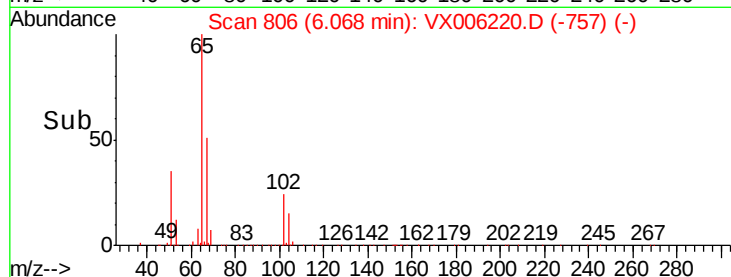
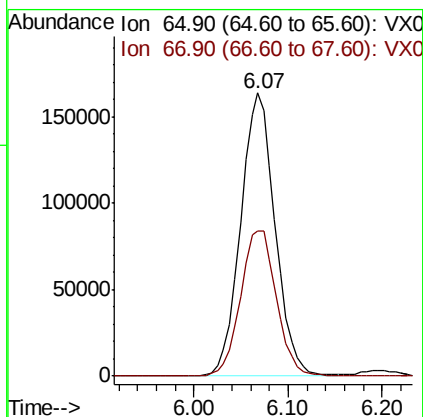
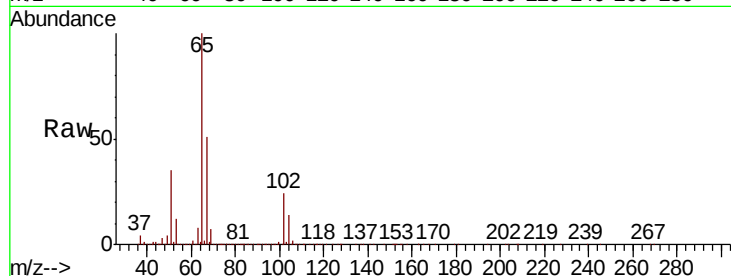
67 53.4 0.0 107.2

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

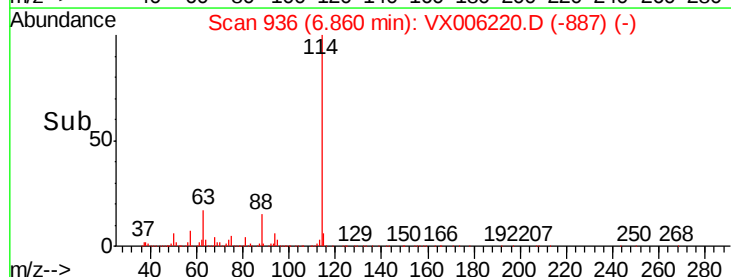
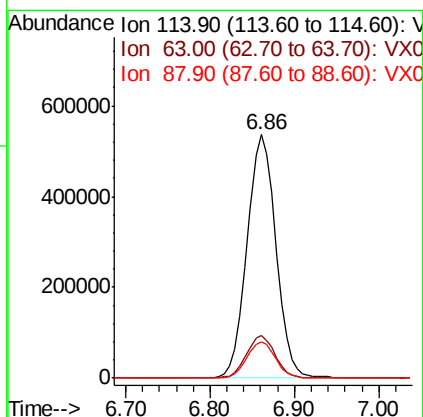
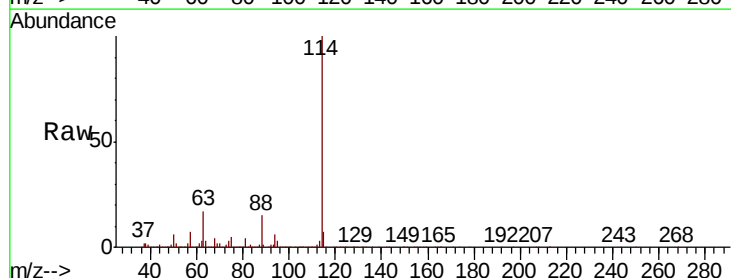
Tgt Ion: 114 Resp: 1241063

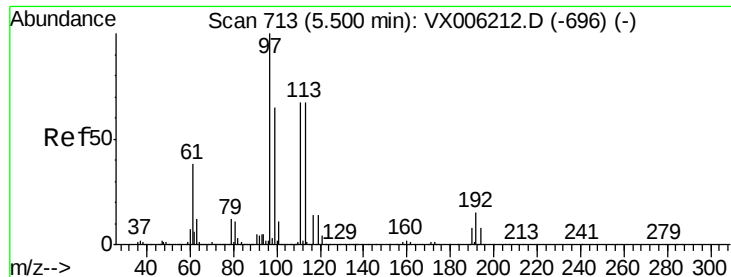
Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.113 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

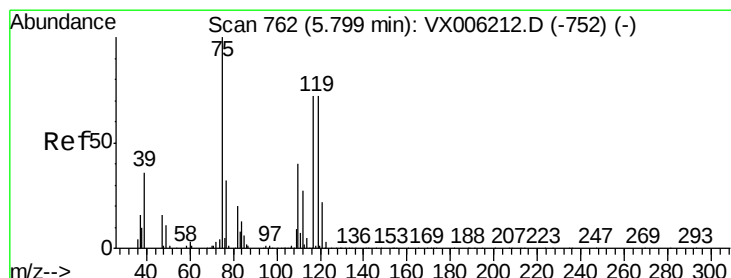
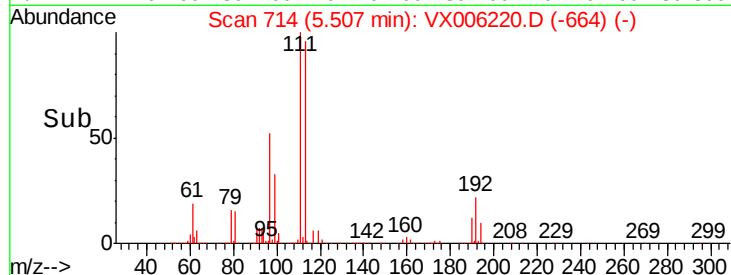
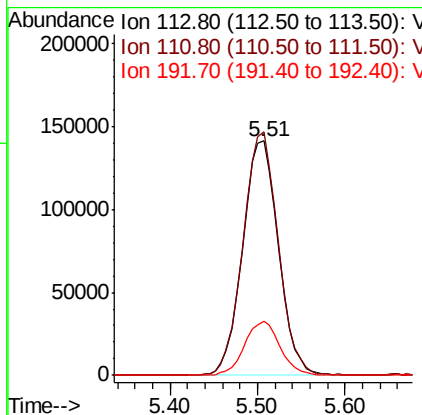
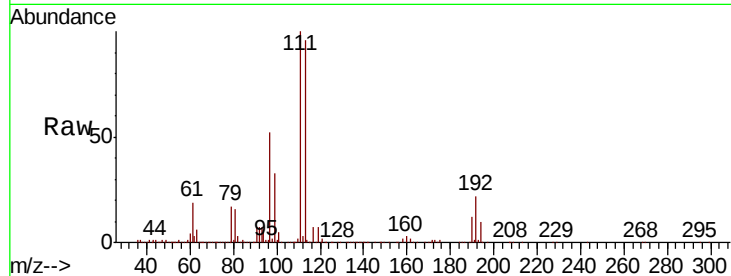
ClientSampleId :

VX1130WBS01

Tot Ion:	113	Resp:	402677
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.1	121.7
192	22.8	18.2	27.2

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#36

1,1-Dichloropropene

Concen: 19.285 ug/l

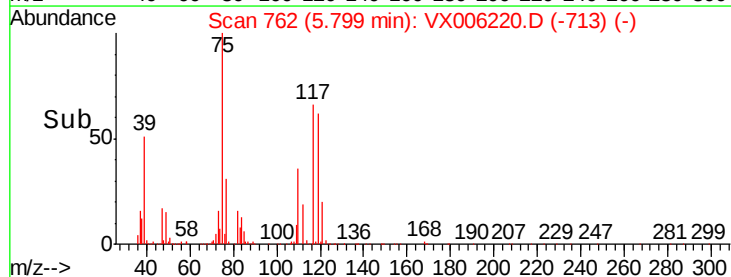
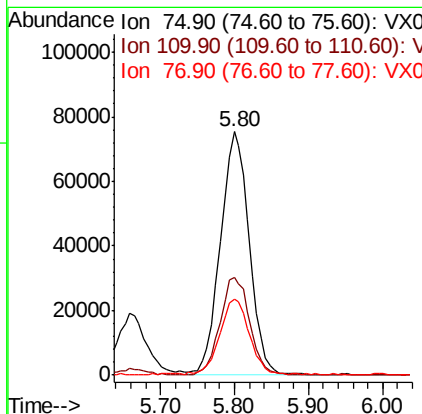
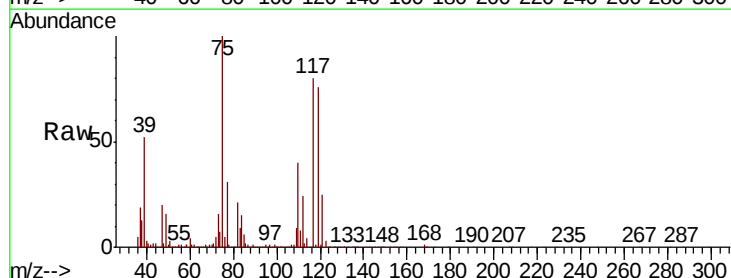
RT: 5.80 min Scan# 762

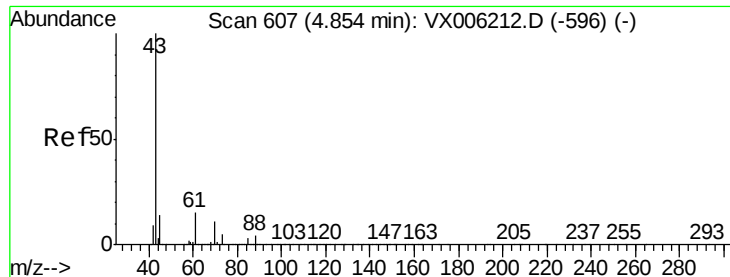
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	75	Resp:	201548
Ion Ratio	Lower	Upper	
75	100		
110	41.1	20.4	61.3
77	31.2	24.9	37.3





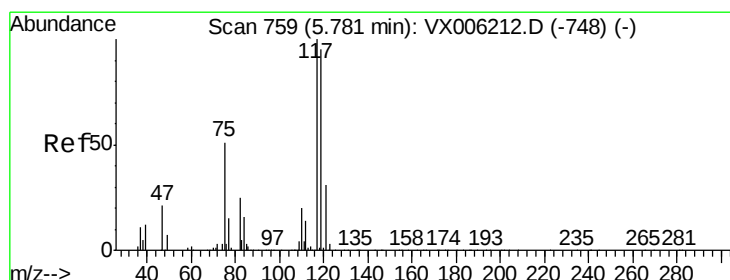
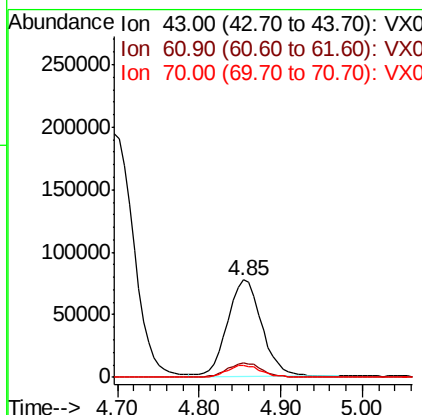
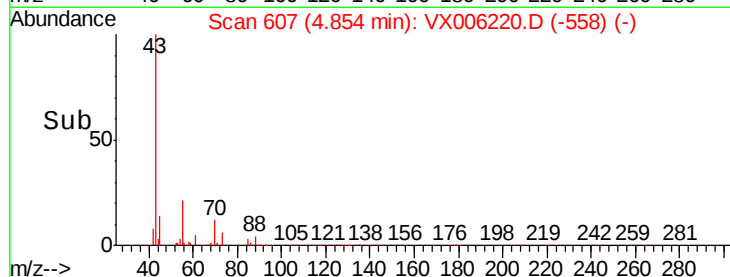
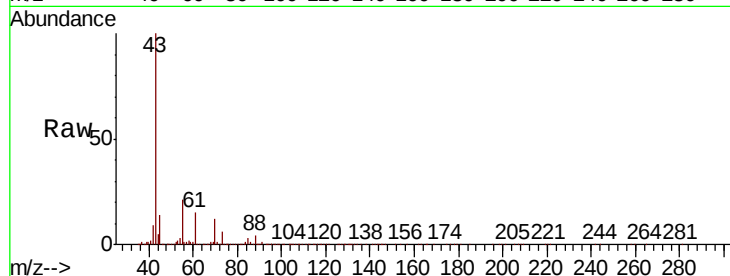
#37
Ethyl Acetate
Concen: 19.249 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	43	Resp	225291
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.5	17.3
70	12.0	9.0	13.6

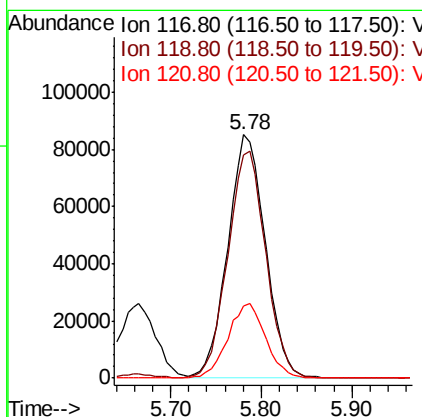
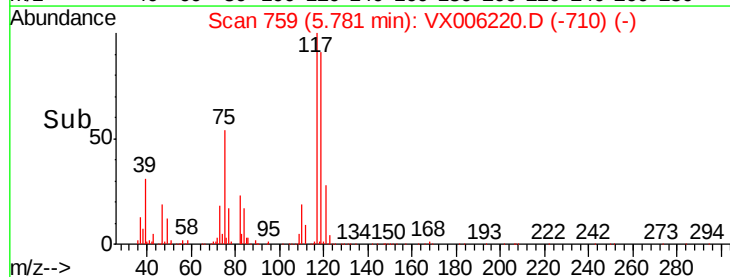
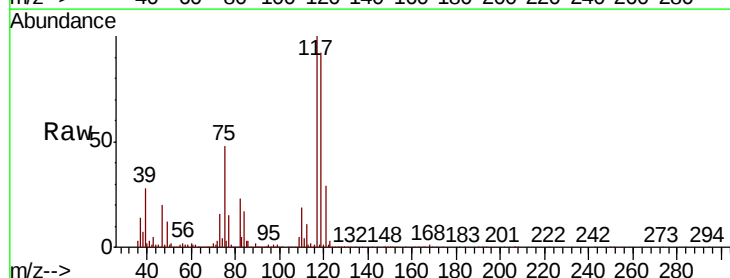
Manual Integrations
APPROVED

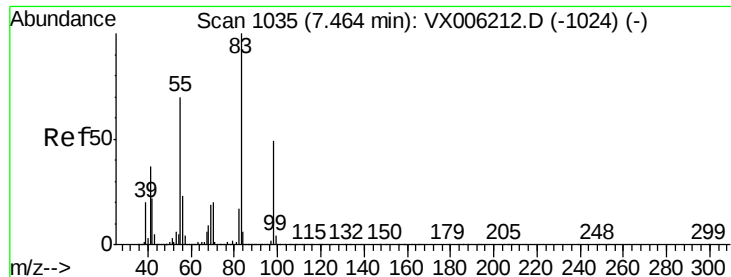
MMDadoda
12/3/2018 11:59:28 AM



#38
Carbon Tetrachloride
Concen: 19.890 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	117	Resp	244547
Ion Ratio	Lower	Upper	
117	100		
119	91.6	75.8	113.8
121	29.4	24.6	37.0





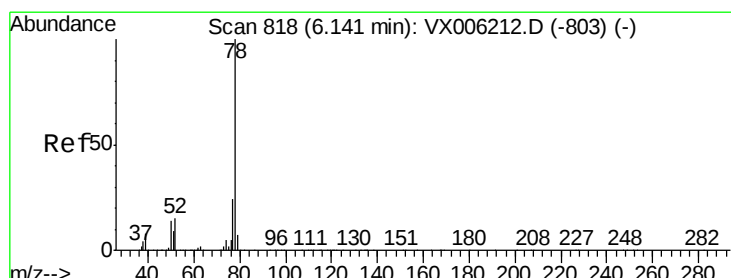
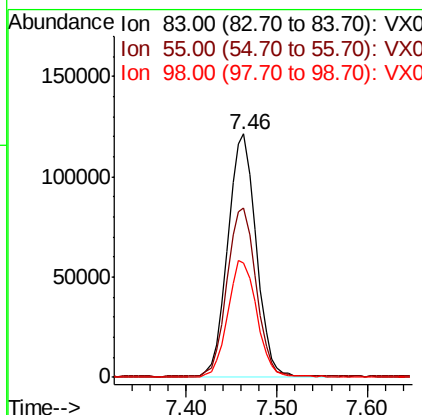
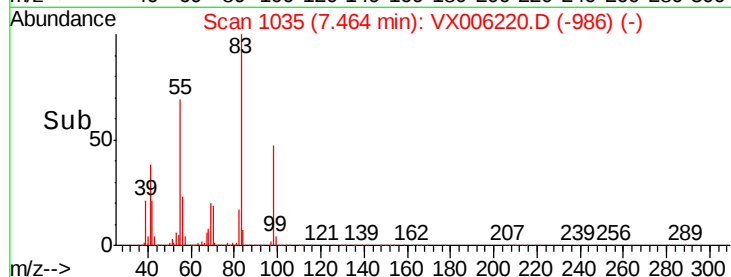
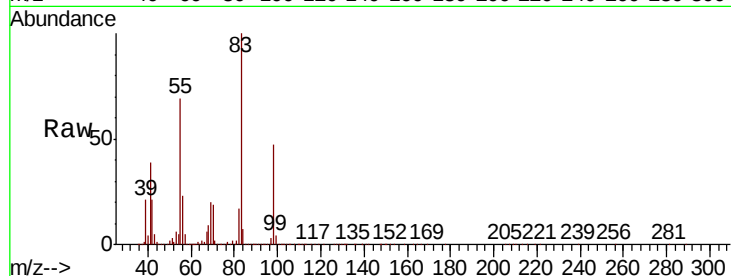
#39
Methvlcvclohexane
Concen: 19.373 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.0	56.4	84.6
98	47.1	39.0	58.6

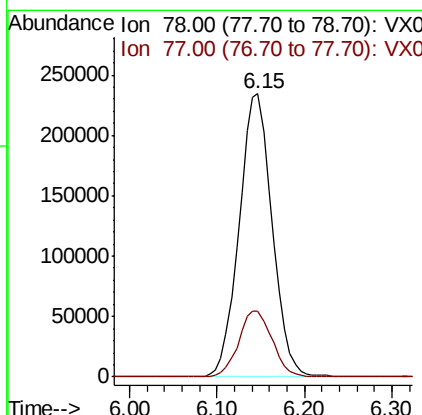
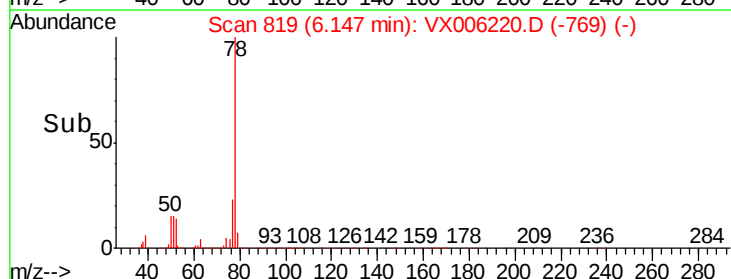
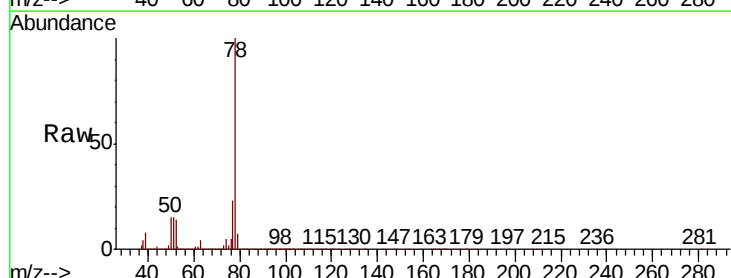
Manual Integrations
APPROVED

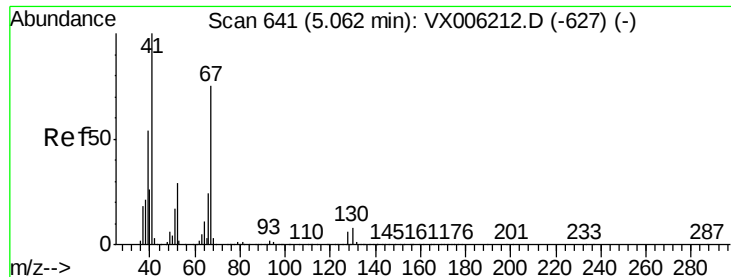
MMDadoda
12/3/2018 11:59:28 AM



#40
Benzene
Concen: 19.536 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 19.042 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

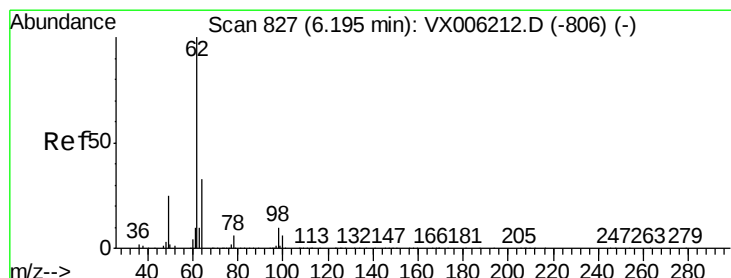
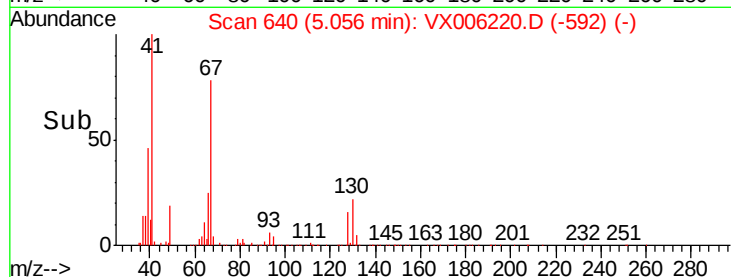
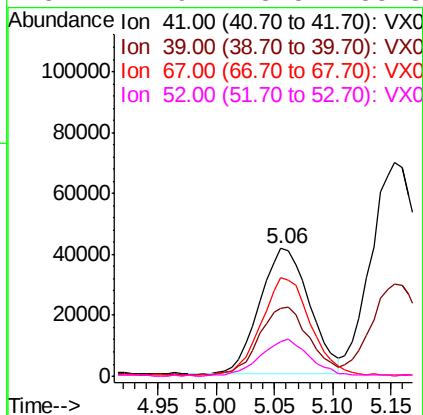
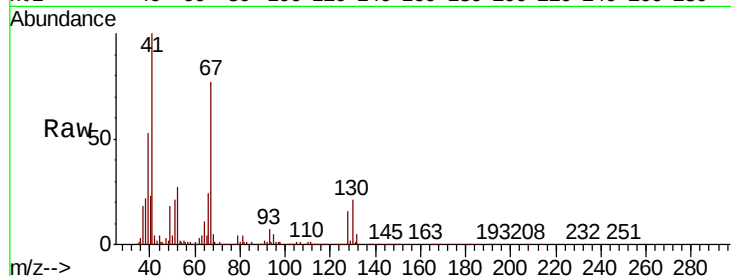
ClientSampleId :

VX1130WBS01

Tot Ion:	41	Resp:	122634
Ion Ratio	Lower	Upper	
41	100		
39	53.9	44.0	66.0
67	76.0	61.4	92.0
52	27.9	23.5	35.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#42

1,2-Dichloroethane

Concen: 19.831 ug/l

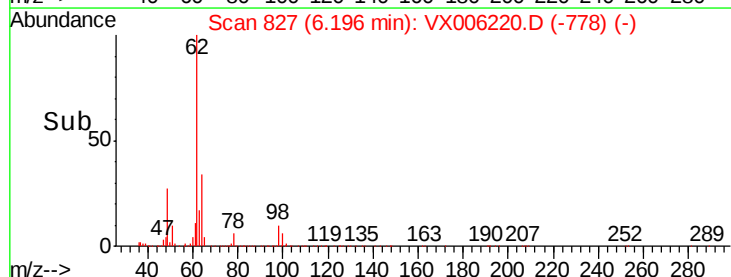
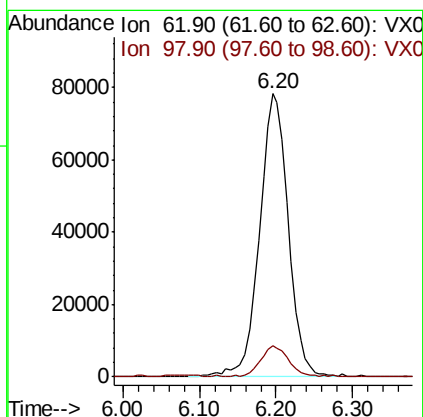
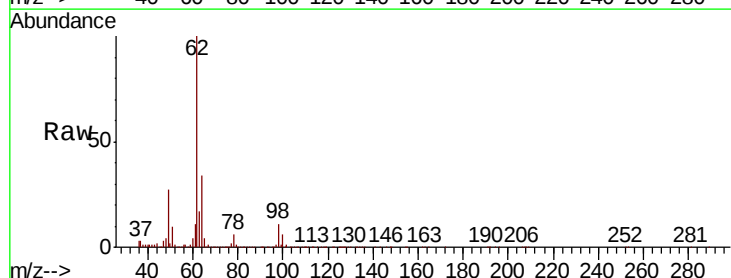
RT: 6.20 min Scan# 827

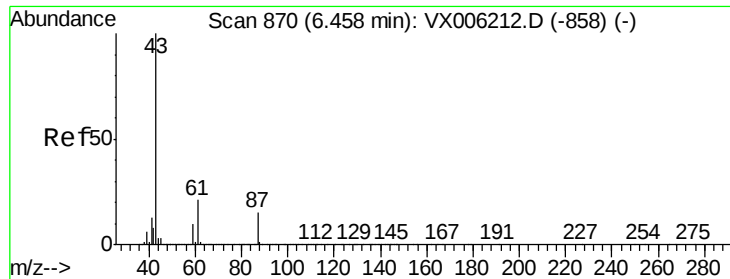
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	62	Resp:	203162
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	20.2





#43

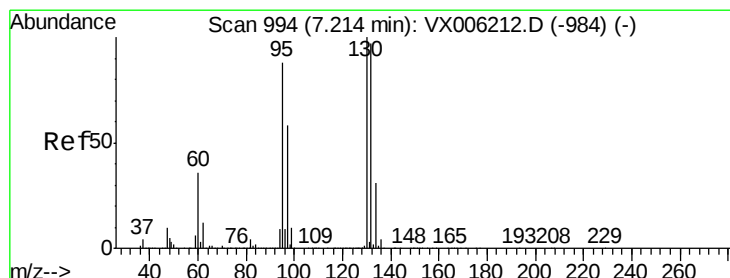
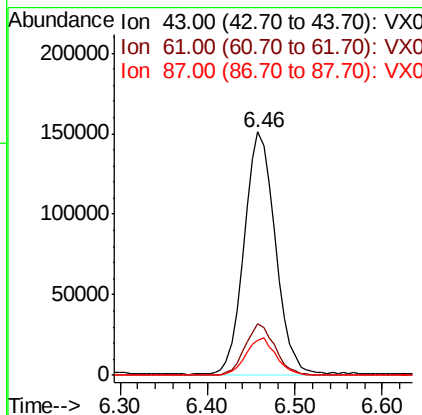
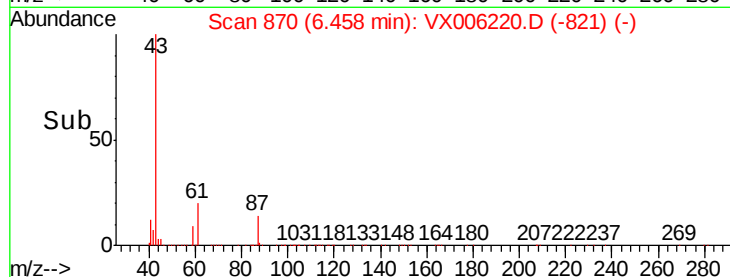
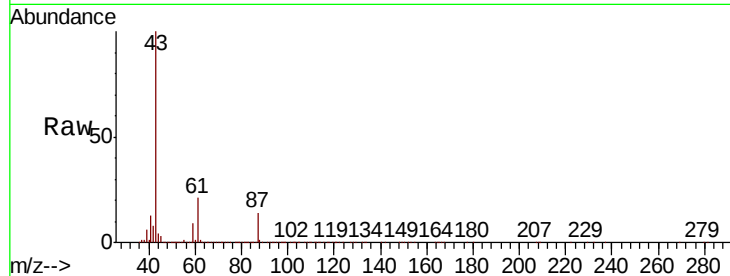
Isopropyl Acetate
 Concen: 19.107 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.8	25.2
87	14.9	11.9	17.9

Manual Integrations
 APPROVED

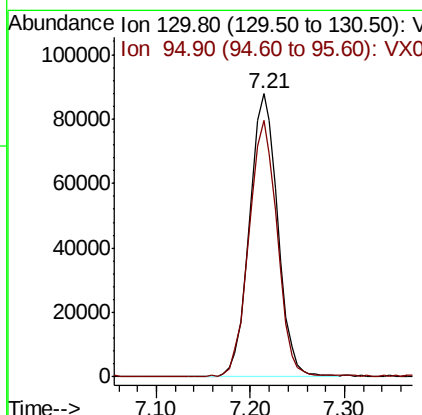
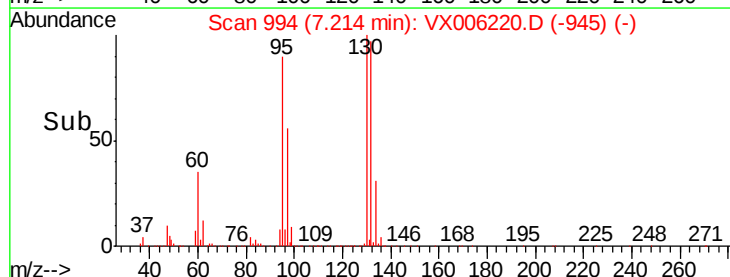
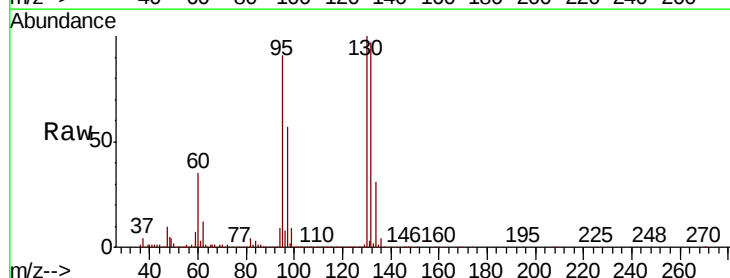
MMDadoda
 12/3/2018 11:59:28 AM

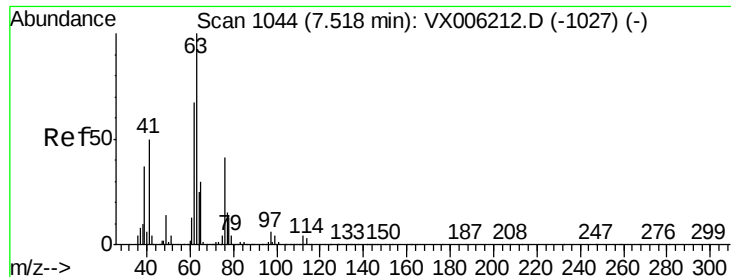


#44

Trichloroethene
 Concen: 19.358 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.411 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 63 Resp: 154419

Ion Ratio Lower Upper

63 100

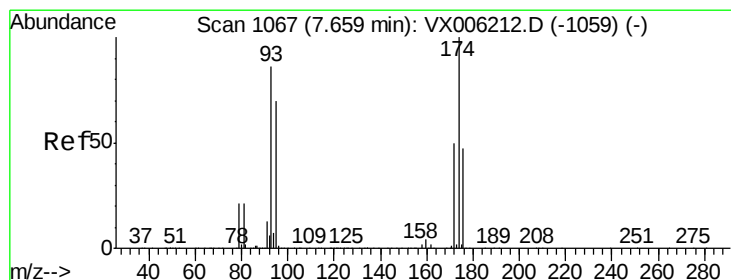
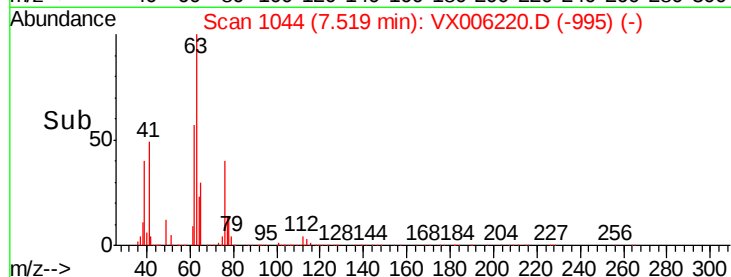
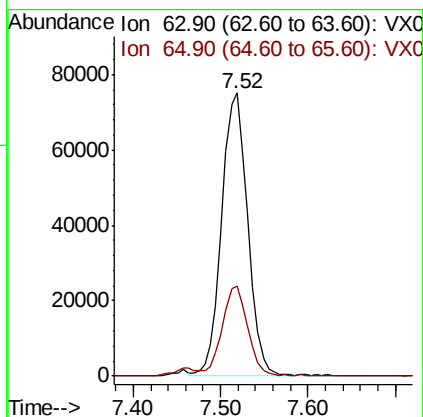
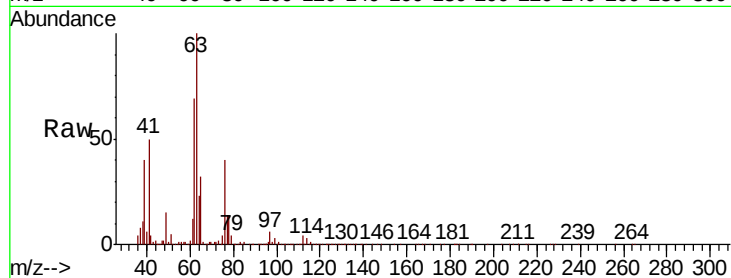
65 31.6 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#46

Dibromomethane

Concen: 19.553 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

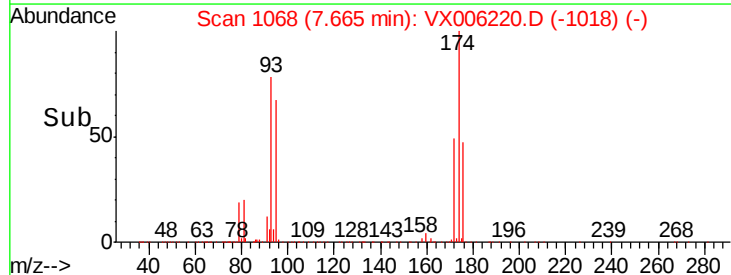
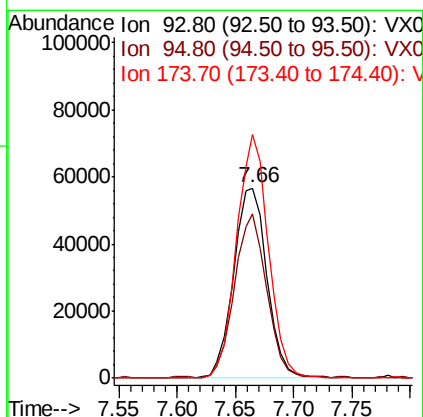
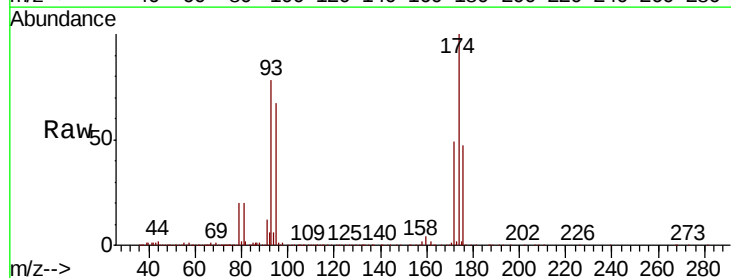
Tgt Ion: 93 Resp: 112344

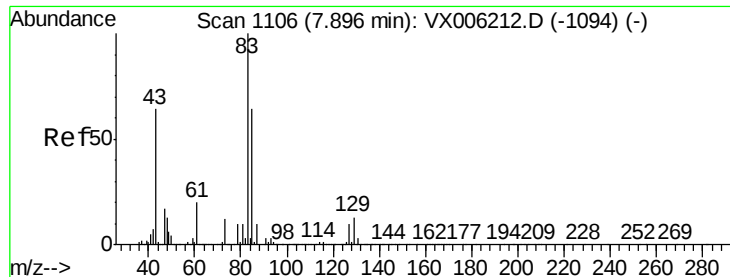
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 123.2 97.2 145.8





#47

Bromodichloromethane

Concen: 19.663 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

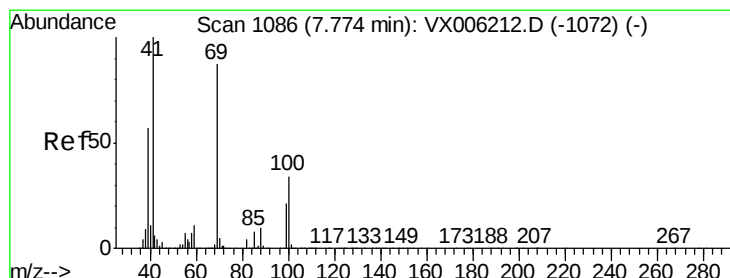
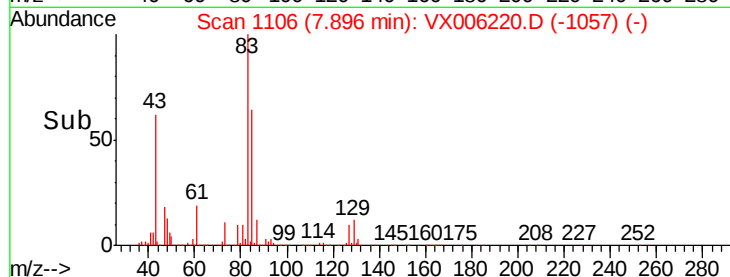
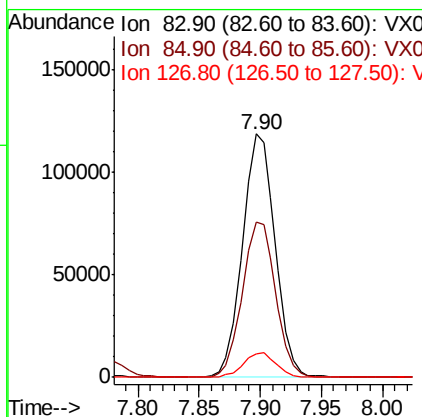
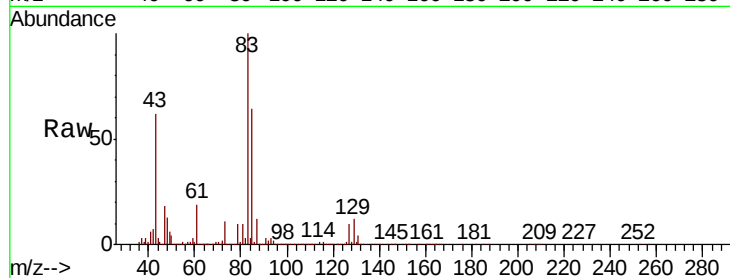
ClientSampleId :

VX1130WBS01

Tot Ion:	83	Resp:	218778
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0
127	9.6	7.9	11.9

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#48

Methyl methacrylate

Concen: 19.042 ug/l

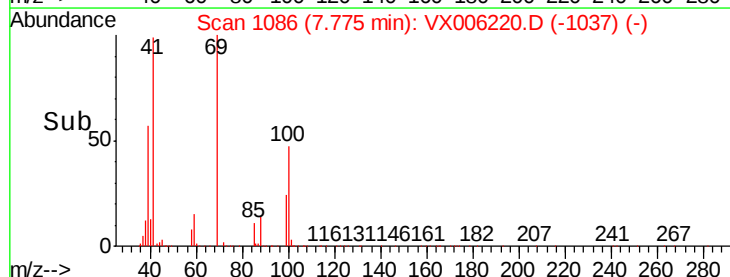
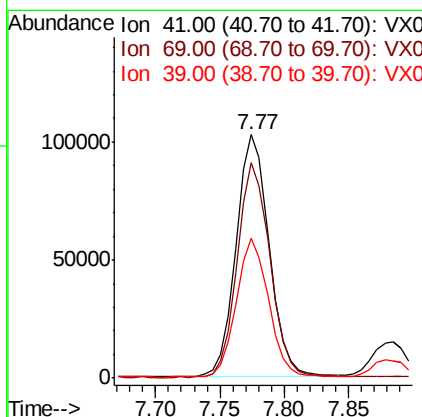
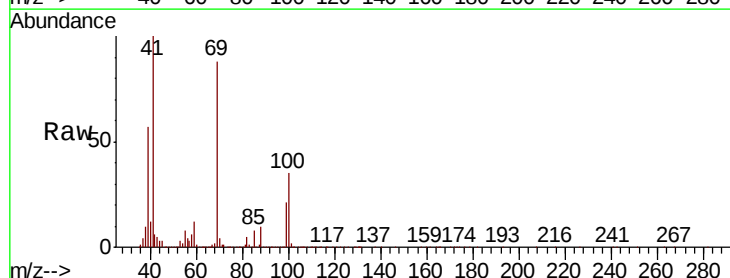
RT: 7.77 min Scan# 1086

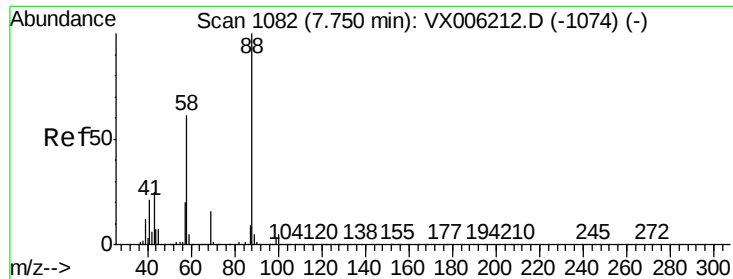
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	41	Resp:	180765
Ion	Ratio	Lower	Upper
41	100		
69	89.6	70.3	105.5
39	56.9	45.3	67.9





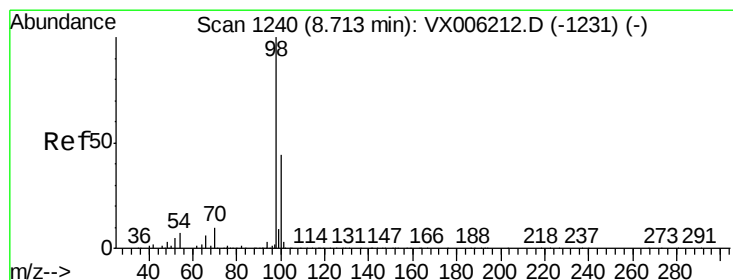
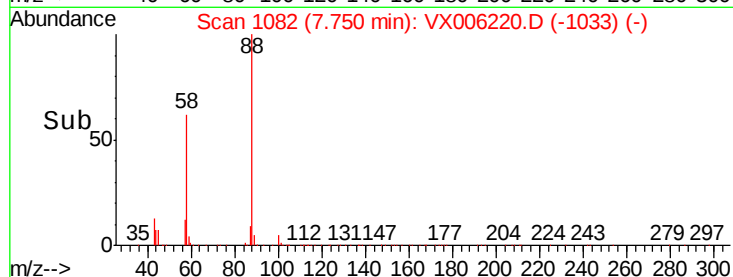
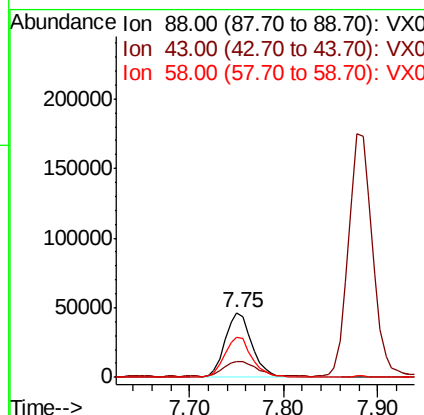
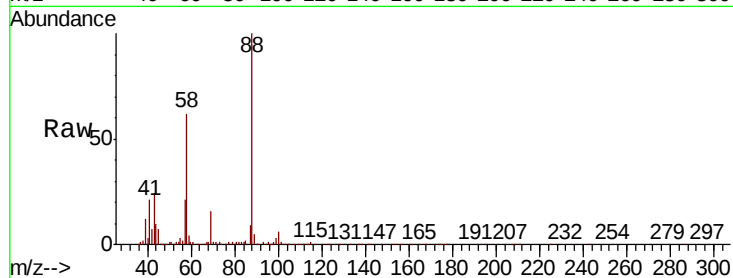
#49
1,4-Dioxane
Concen: 393.850 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.2	34.8
58	63.2	51.4	77.0

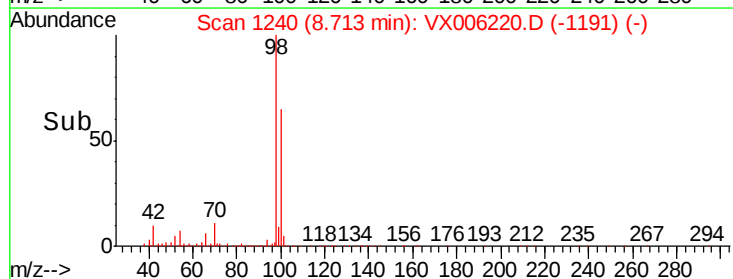
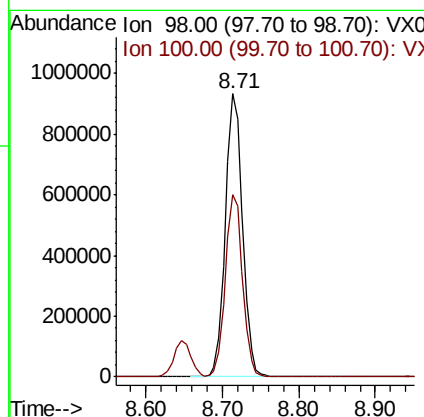
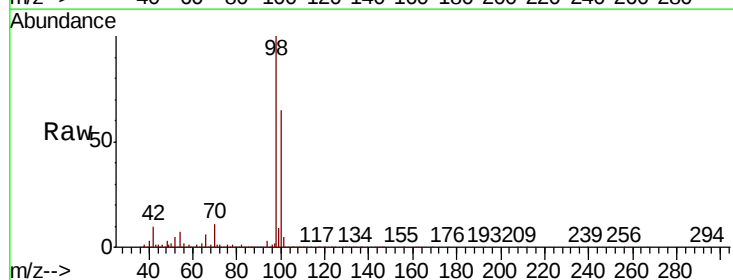
Manual Integrations
APPROVED

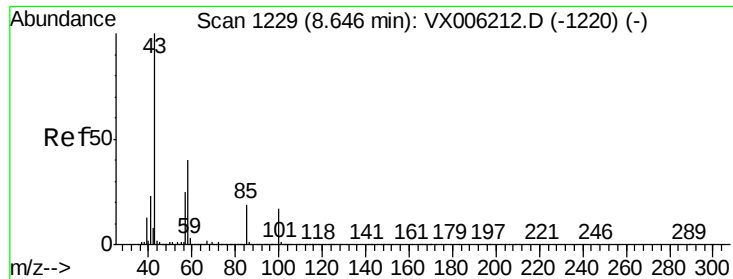
MMDadoda
12/3/2018 11:59:28 AM



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 97.685 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 43 Resp: 1109675

Ion Ratio Lower Upper

43 100

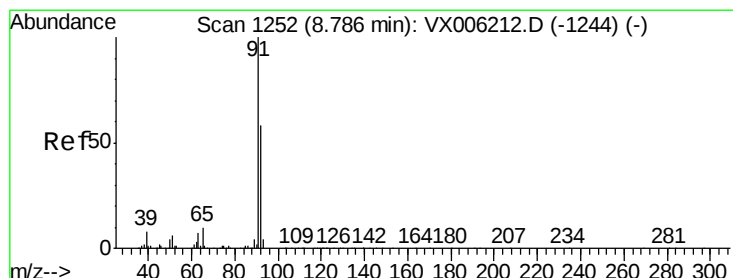
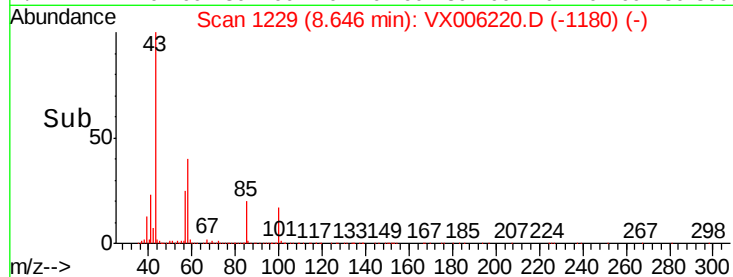
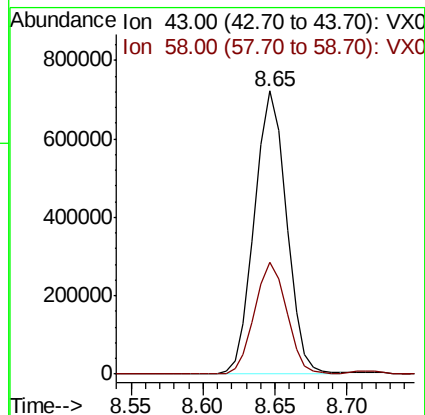
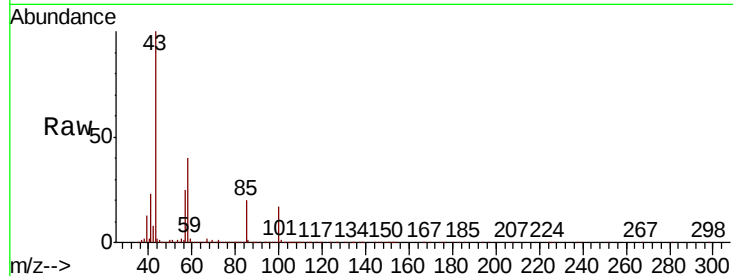
58 39.7 31.3 46.9

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#52

Toluene

Concen: 19.613 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006220.D

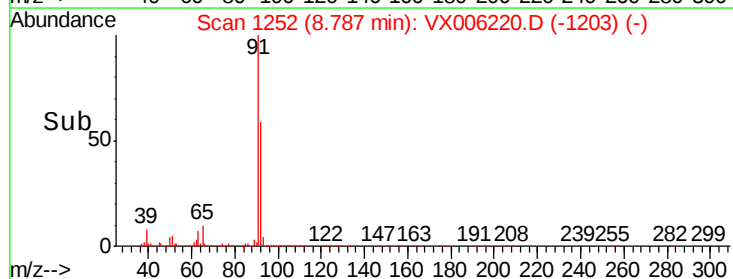
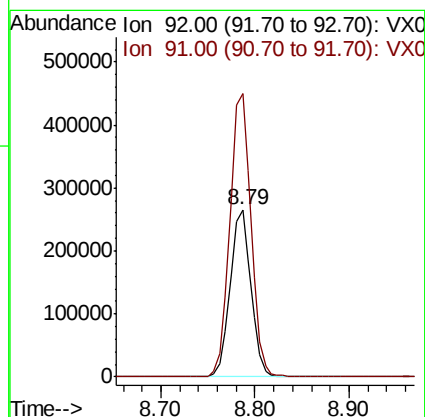
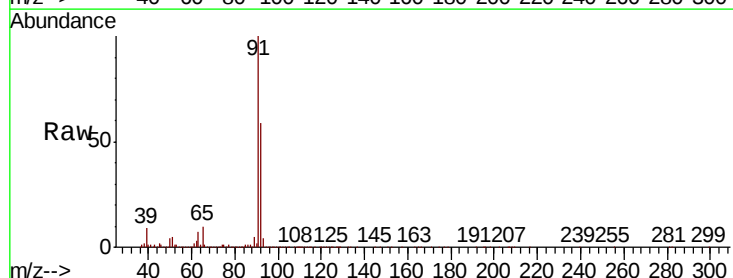
Acq: 30 Nov 2018 10:33

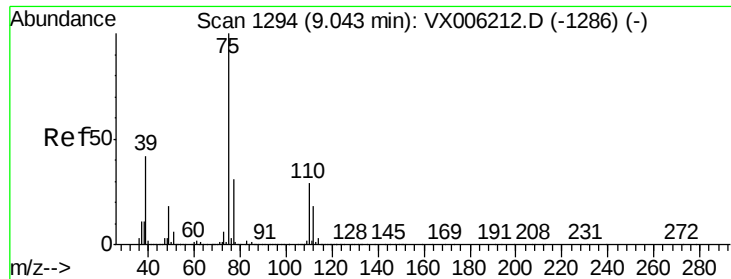
Tgt Ion: 92 Resp: 403897

Ion Ratio Lower Upper

92 100

91 173.2 139.2 208.8





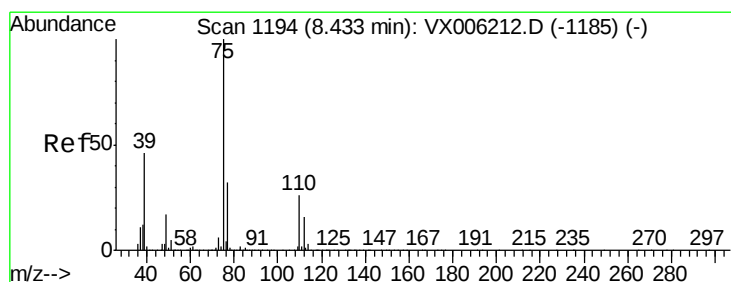
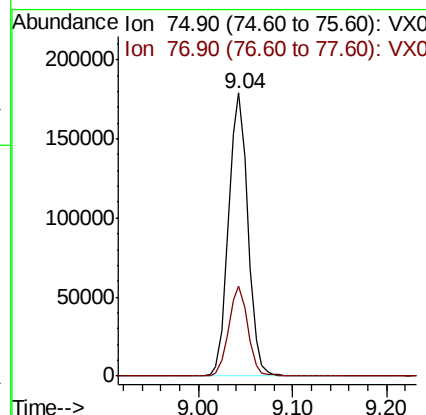
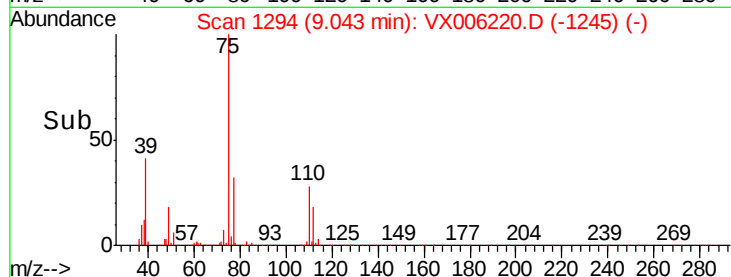
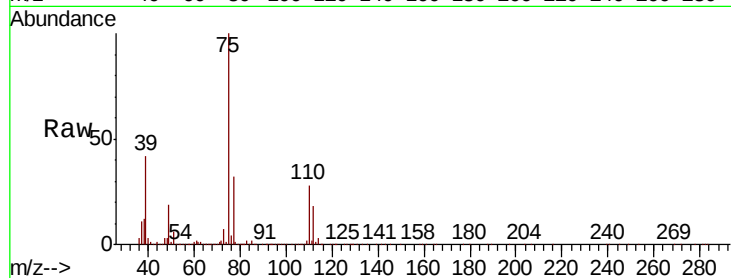
#53
t-1,3-Dichloropropene
Concen: 19.536 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4

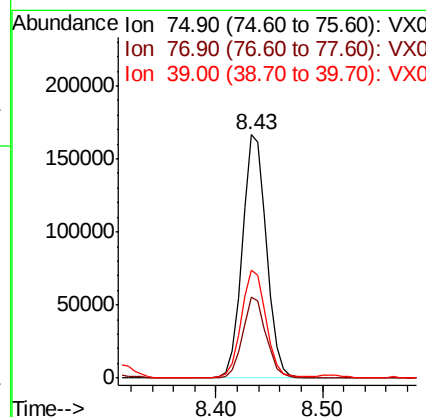
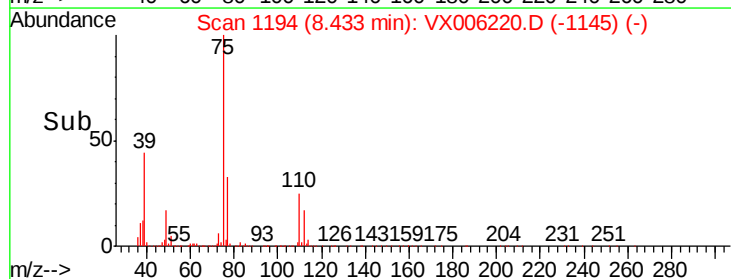
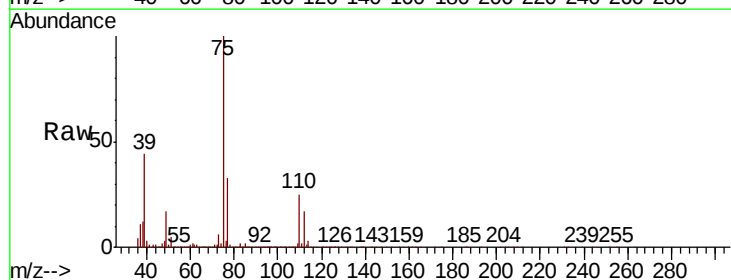
Manual Integrations
APPROVED

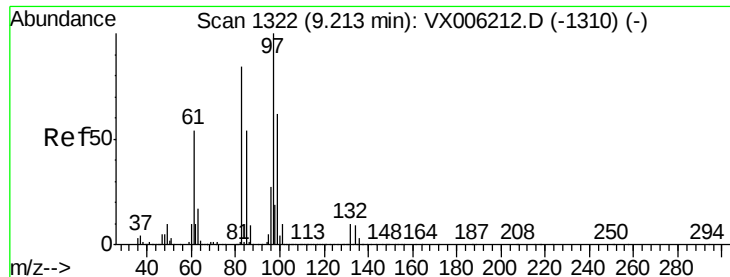
MMDadoda
12/3/2018 11:59:28 AM



#54
cis-1,3-Dichloropropene
Concen: 19.653 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.6	38.4
39	43.8	36.5	54.7





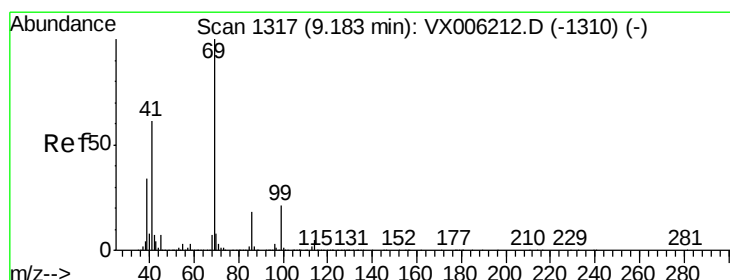
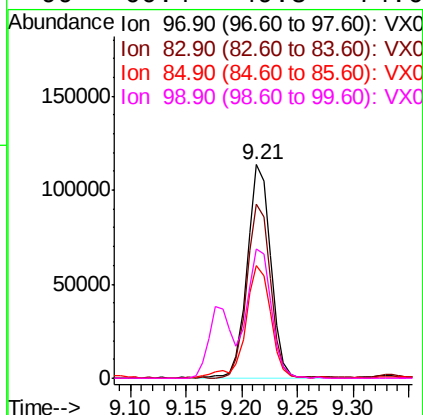
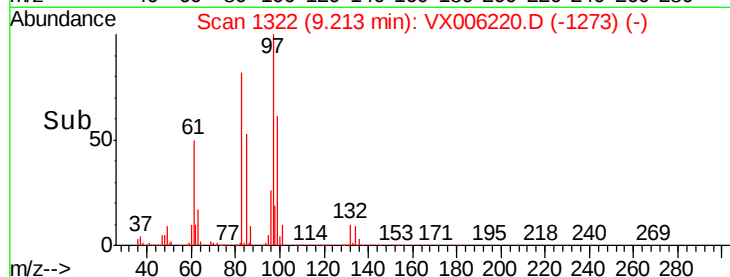
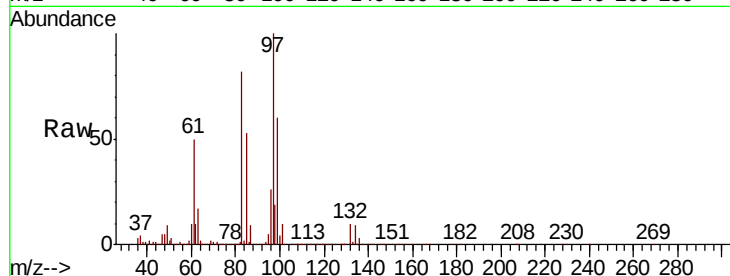
#55
 1,1,2-Trichloroethane
 Concen: 19.812 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.1	100.7
85	52.7	43.2	64.8
99	60.4	49.8	74.6

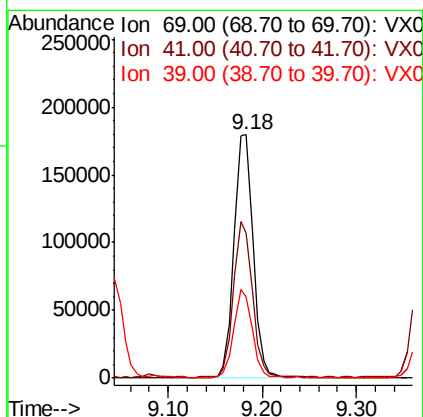
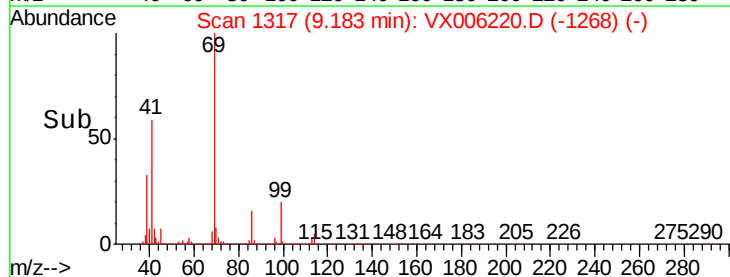
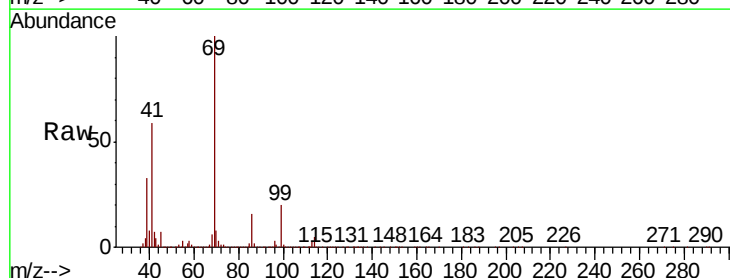
Manual Integrations
 APPROVED

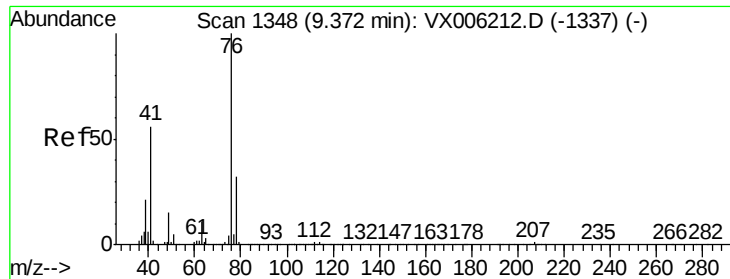
MMDadoda
 12/3/2018 11:59:28 AM



#56
 Ethyl methacrylate
 Concen: 19.431 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.6	50.6	76.0
39	34.4	27.6	41.4





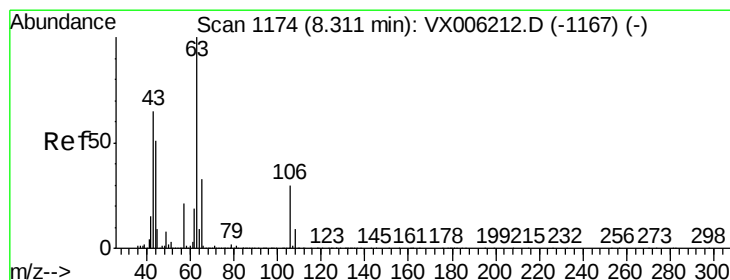
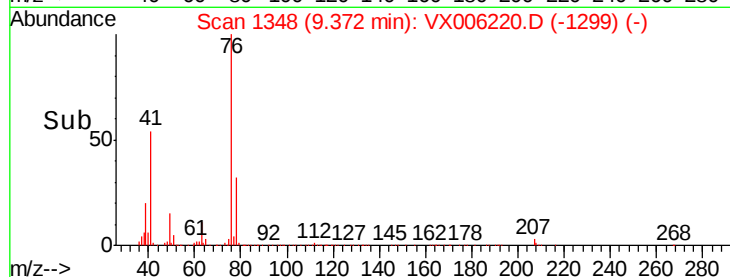
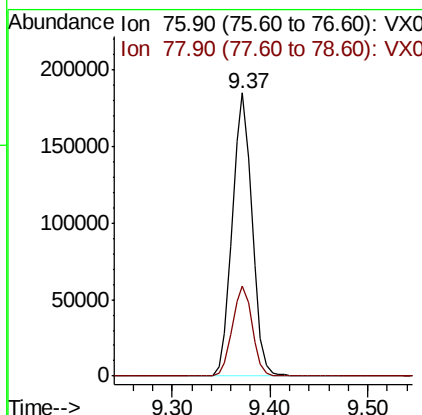
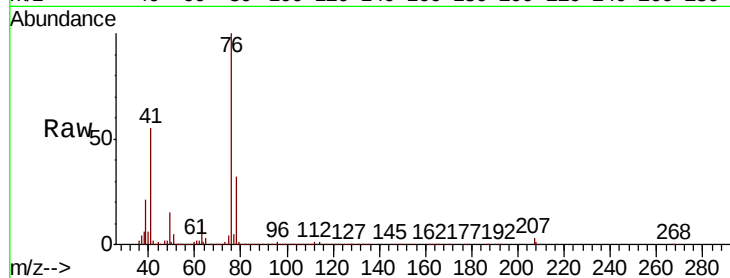
#57
 1,3-Dichloropropane
 Concen: 19.684 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.6	26.1	39.1

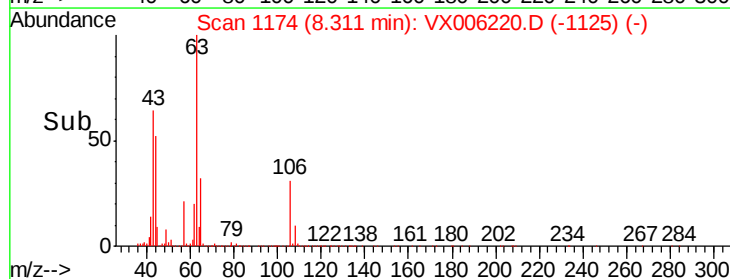
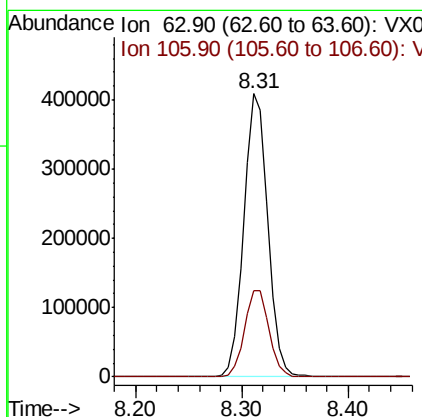
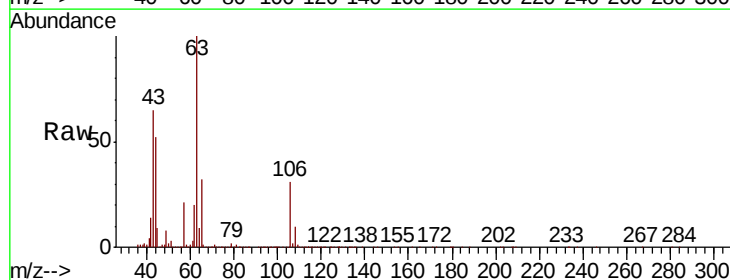
Manual Integrations
 APPROVED

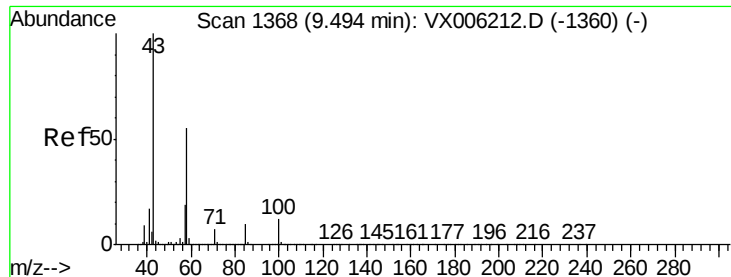
MMDadoda
 12/3/2018 11:59:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.507 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.9	37.3





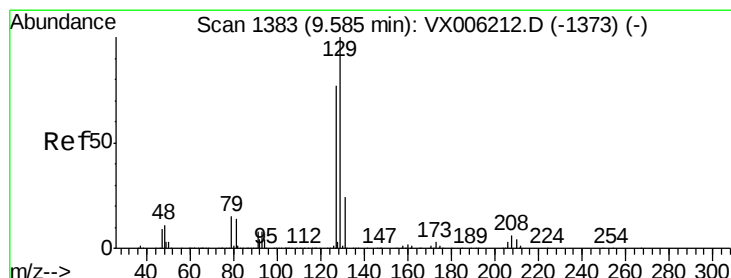
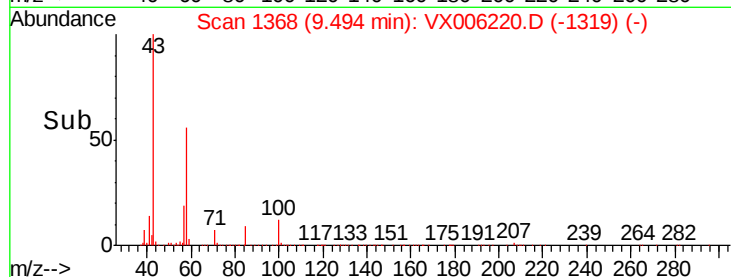
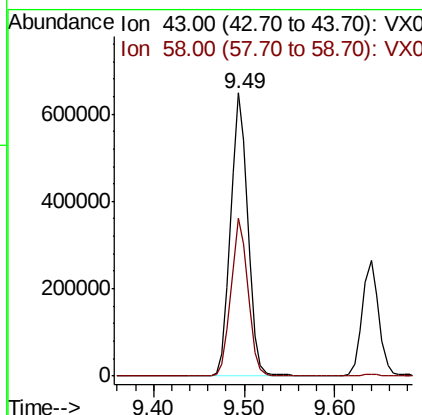
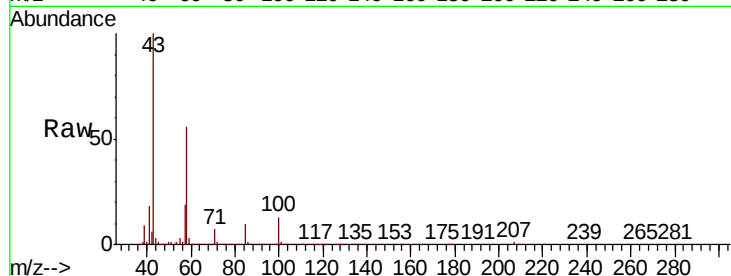
#59
2-Hexanone
Concen: 98.147 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion: 43 Resp: 851806
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

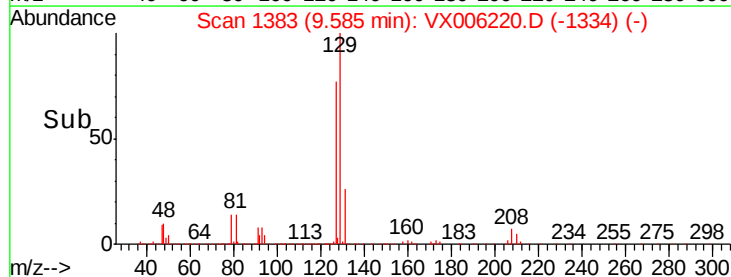
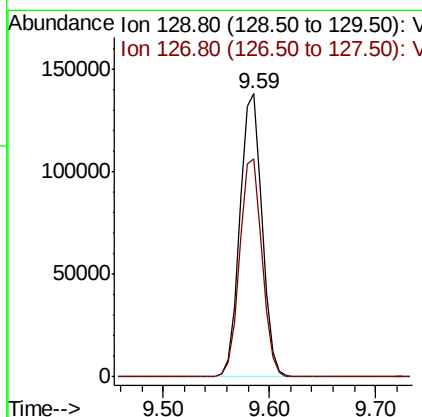
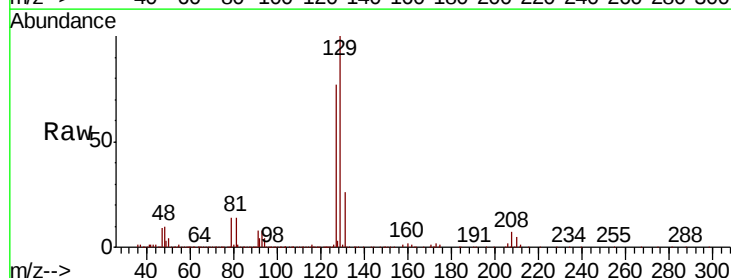
Manual Integrations
APPROVED

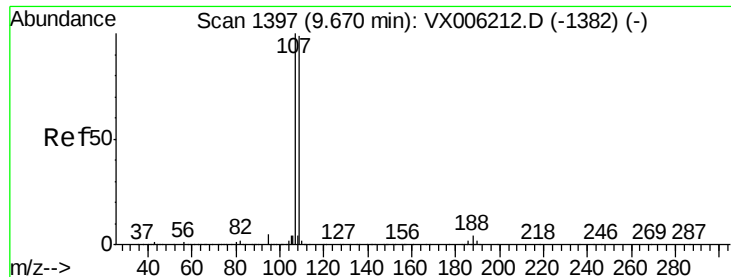
MMDadoda
12/3/2018 11:59:28 AM



#60
Dibromochloromethane
Concen: 19.581 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion: 129 Resp: 202008
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.373 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 107 Resp: 181228

Ion Ratio Lower Upper

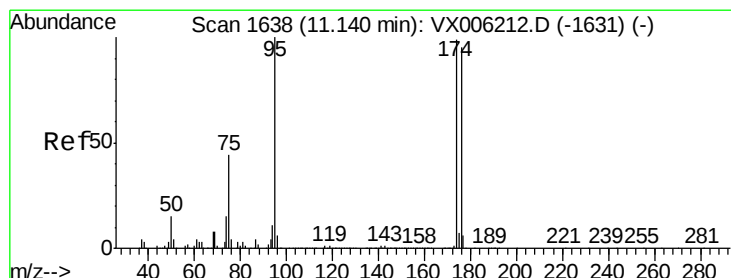
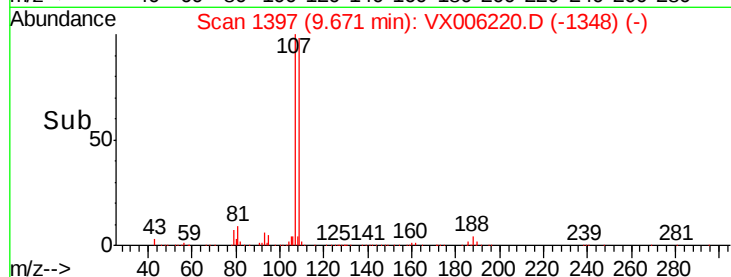
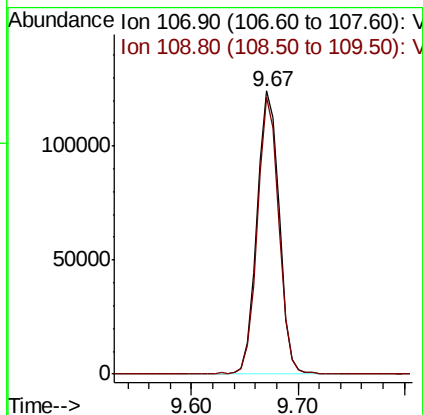
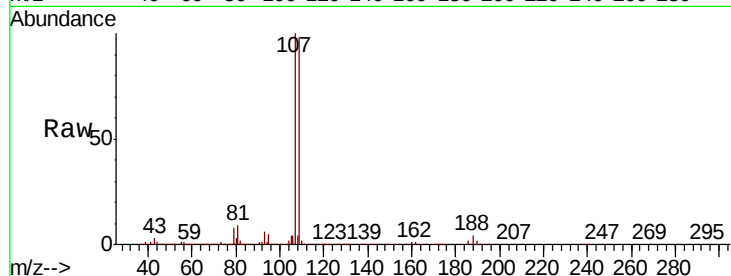
107 100

109 95.2 76.3 114.5

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#62

4-Bromofluorobenzene

Concen: 49.674 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

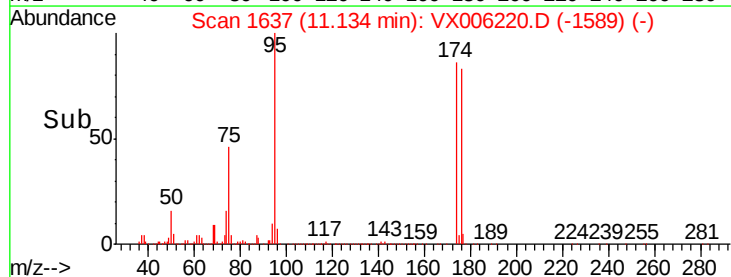
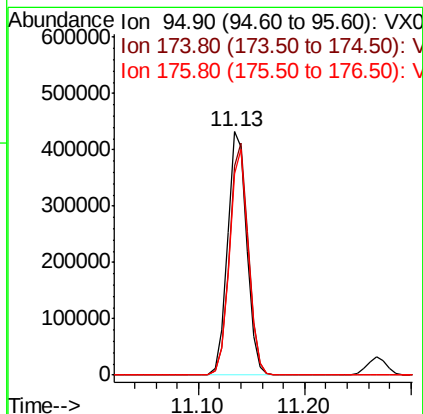
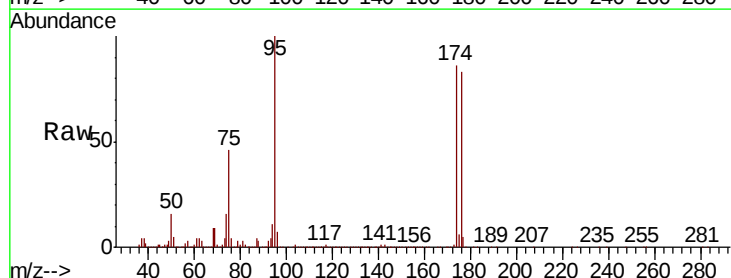
Tgt Ion: 95 Resp: 547108

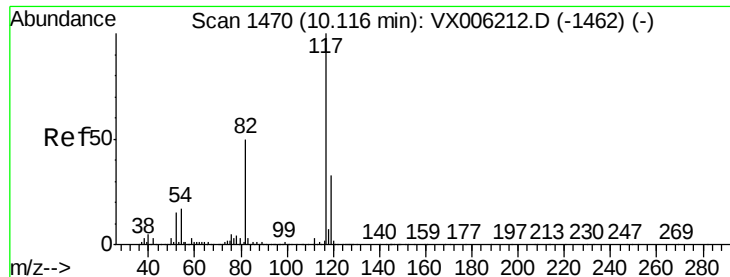
Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.0

176 90.9 0.0 181.8





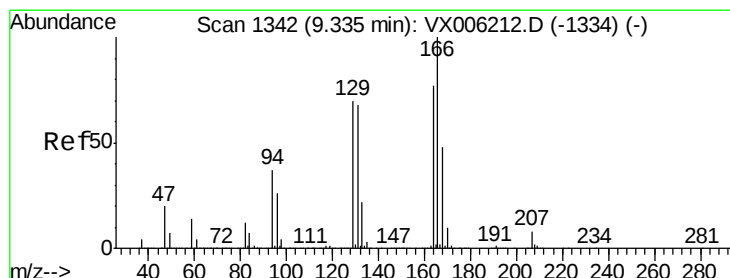
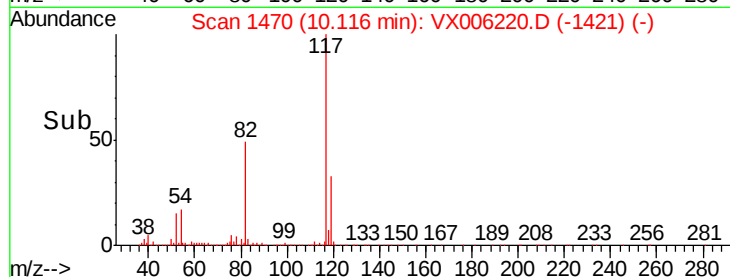
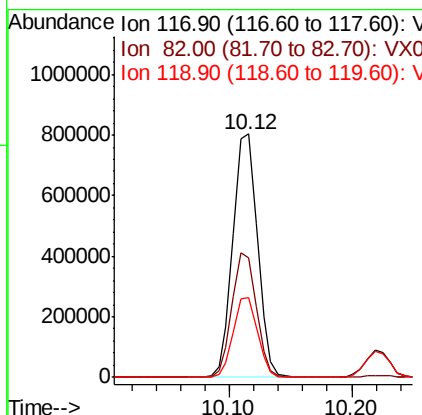
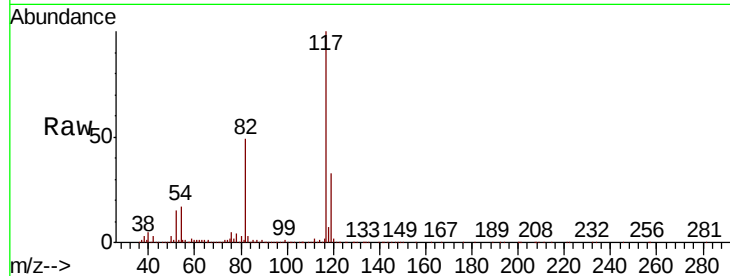
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.9	39.6	59.4
119	32.8	26.3	39.5

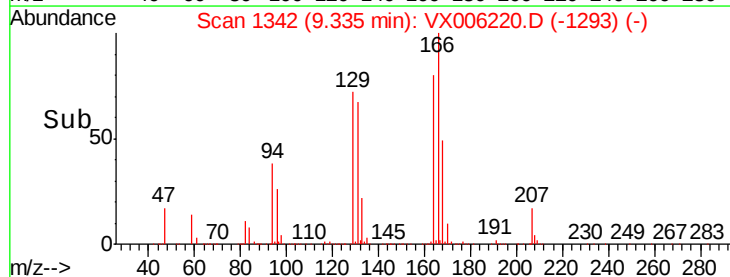
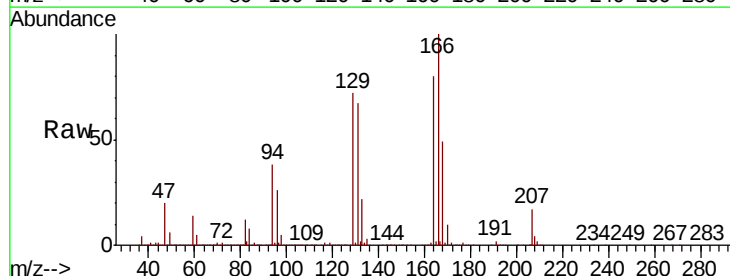
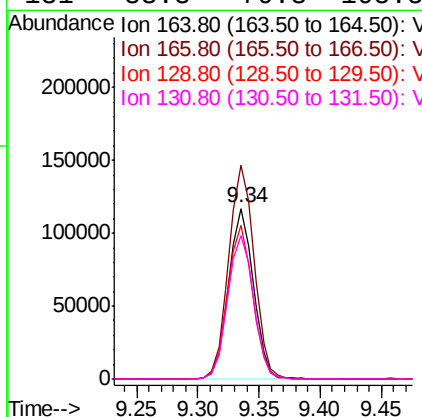
Manual Integrations
APPROVED

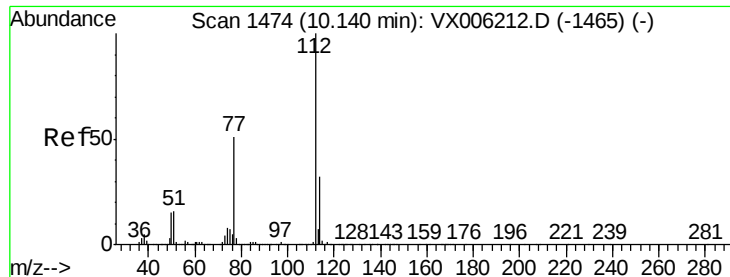
MMDadoda
12/3/2018 11:59:28 AM



#64
Tetrachloroethene
Concen: 19.481 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	104.2	156.2
129	90.0	72.6	108.8
131	83.8	70.3	105.5





#65

Chlorobenzene

Concen: 19.746 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:112 Resp: 468753

Ion Ratio Lower Upper

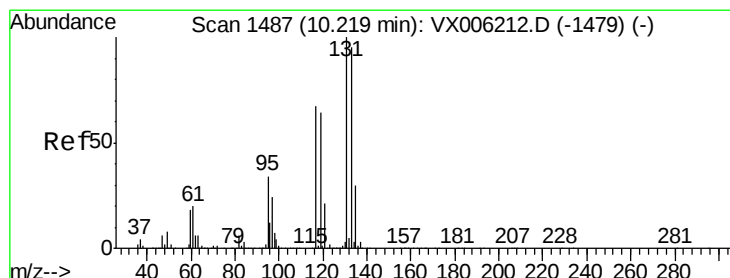
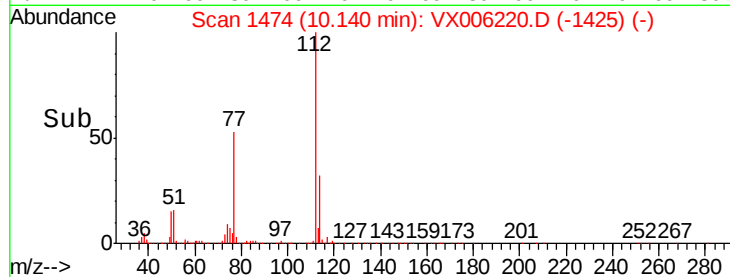
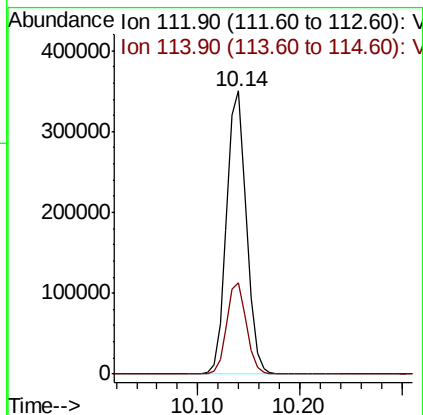
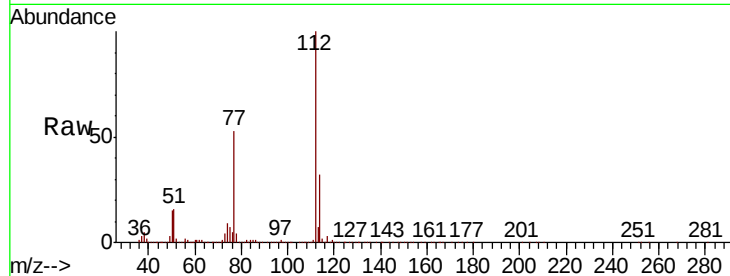
112 100

114 32.3 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.838 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

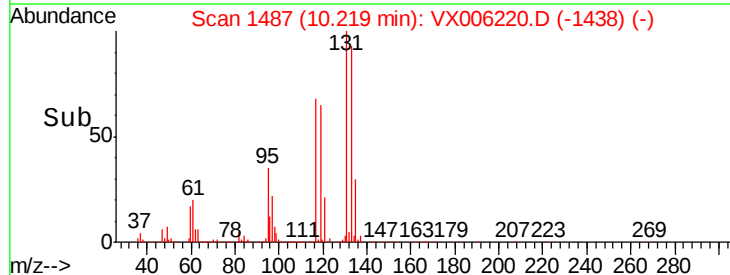
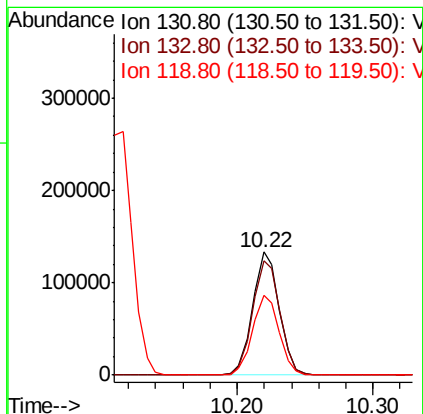
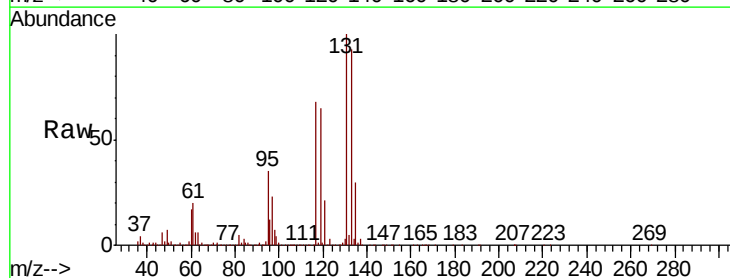
Tgt Ion:131 Resp: 182975

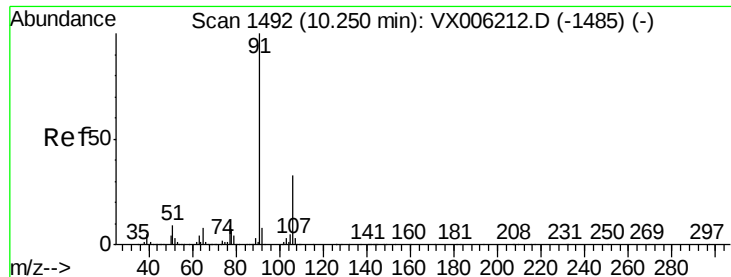
Ion Ratio Lower Upper

131 100

133 96.0 48.1 144.4

119 65.0 32.1 96.3





#67

Ethyl Benzene

Concen: 19.673 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 91 Resp: 776738

Ion Ratio Lower Upper

91 100

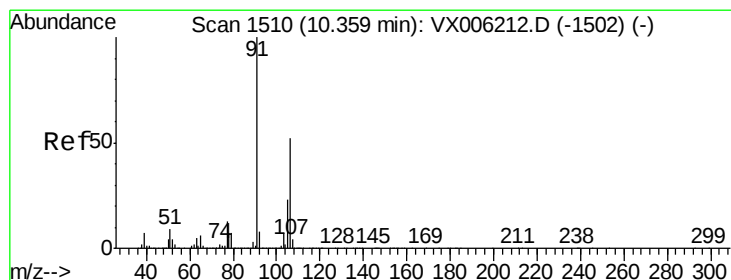
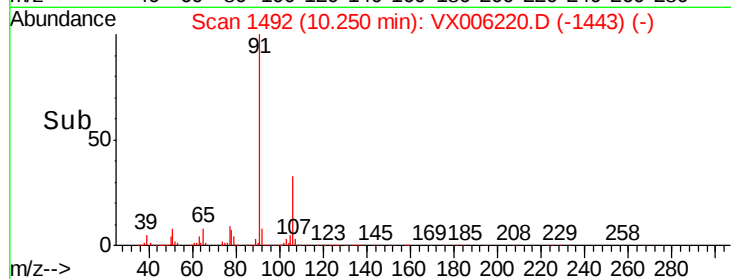
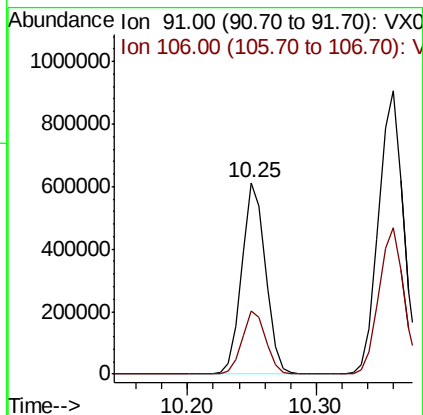
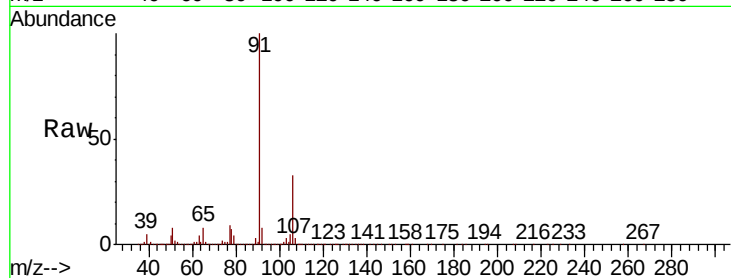
106 32.8 26.5 39.7

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#68

m/p-Xylenes

Concen: 39.302 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006220.D

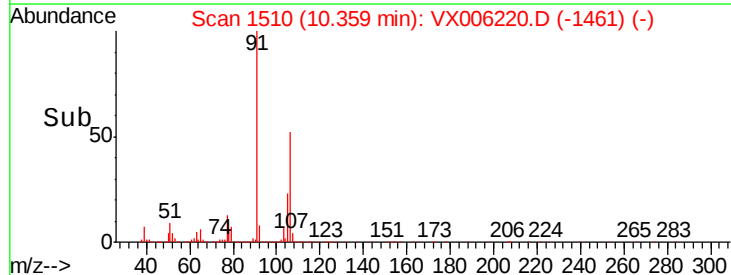
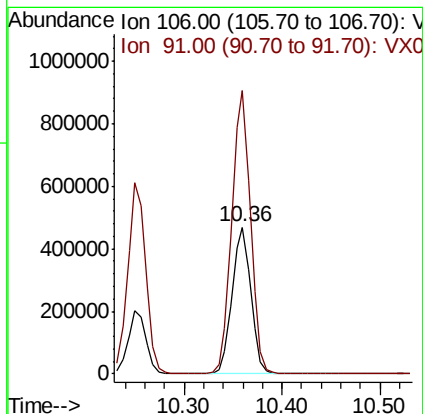
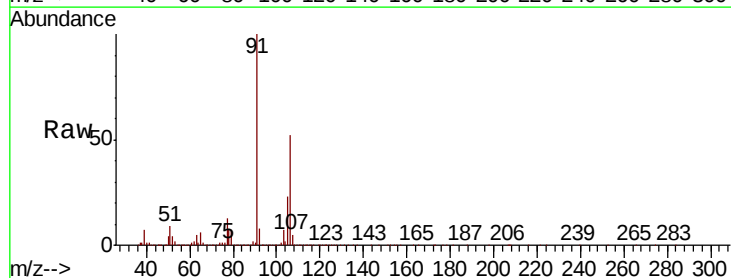
Acq: 30 Nov 2018 10:33

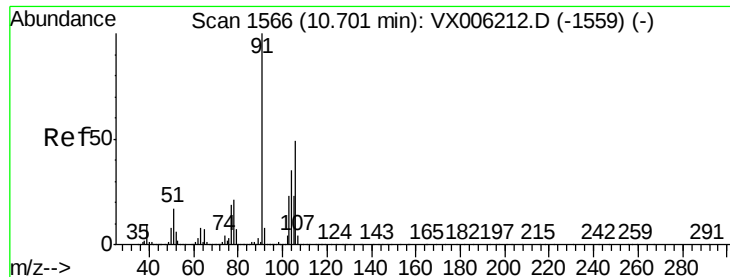
Tgt Ion: 106 Resp: 621591

Ion Ratio Lower Upper

106 100

91 193.0 155.2 232.8





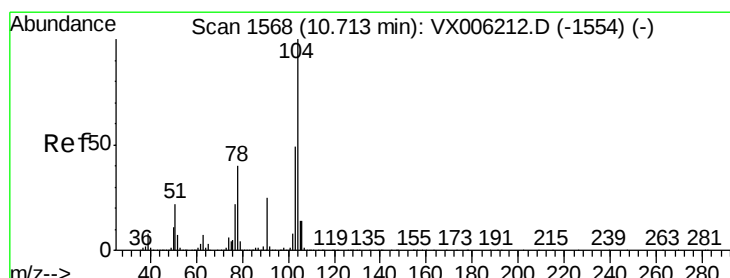
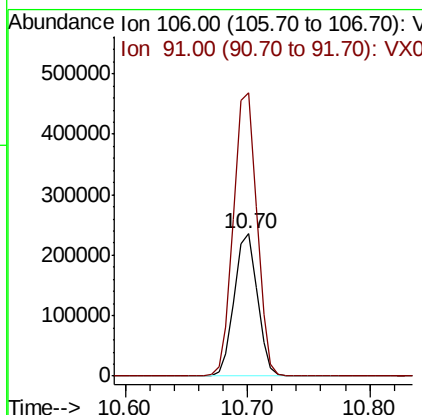
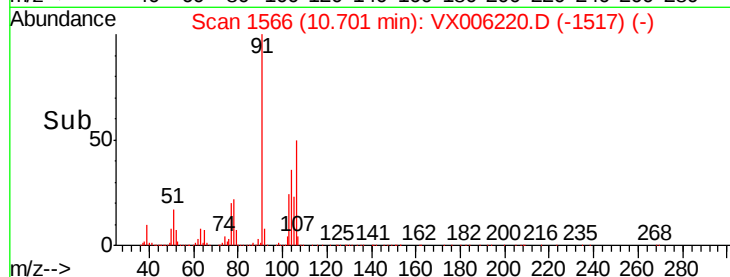
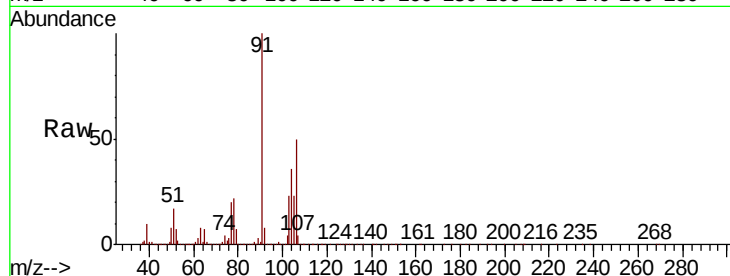
#69
o-Xylene
Concen: 19.570 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampled :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.3	101.8	305.6

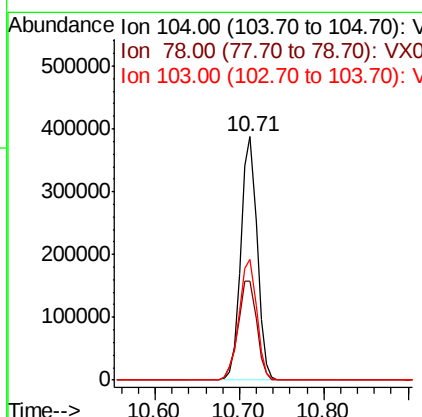
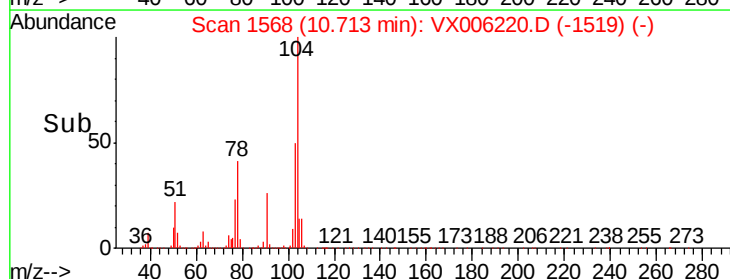
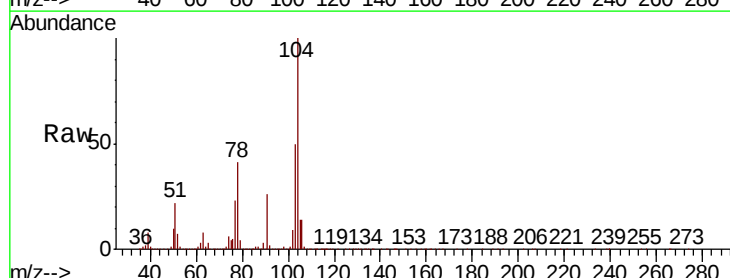
Manual Integrations
APPROVED

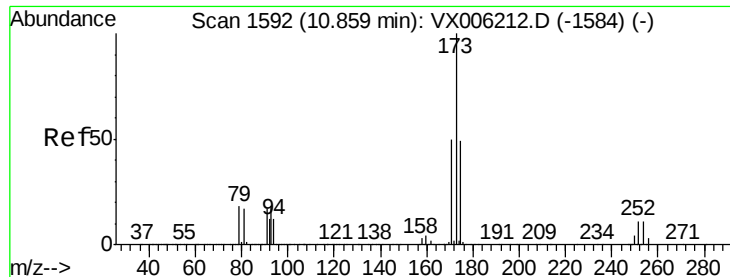
MMDadoda
12/3/2018 11:59:28 AM



#70
Styrene
Concen: 19.587 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.2	55.8
103	54.4	43.5	65.3





#71

Bromoform

Concen: 19.919 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:173 Resp: 173428

Ion Ratio Lower Upper

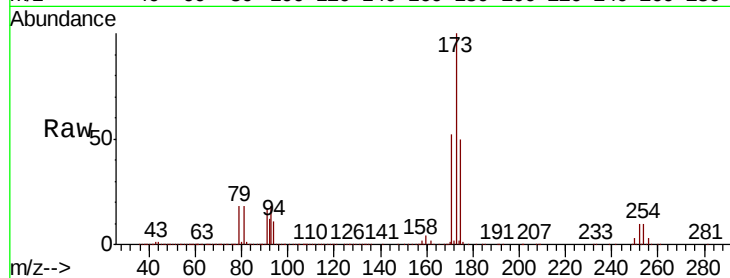
173 100

175 48.9 24.6 73.8

254 0.2 0.2 0.2#

Manual Integrations
APPROVED

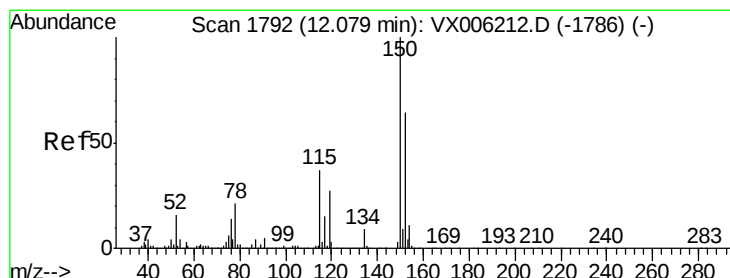
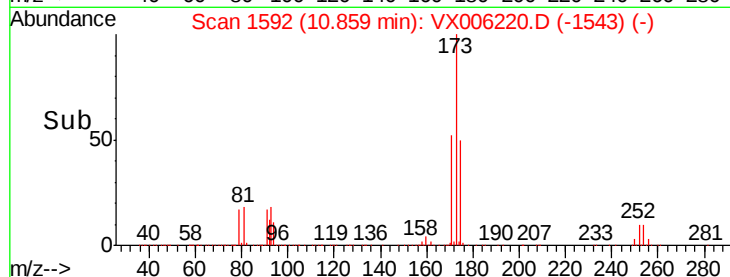
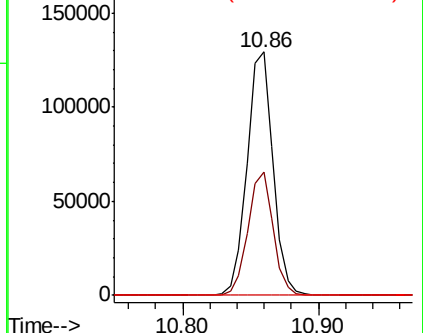
MMDadoda
12/3/2018 11:59:28 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

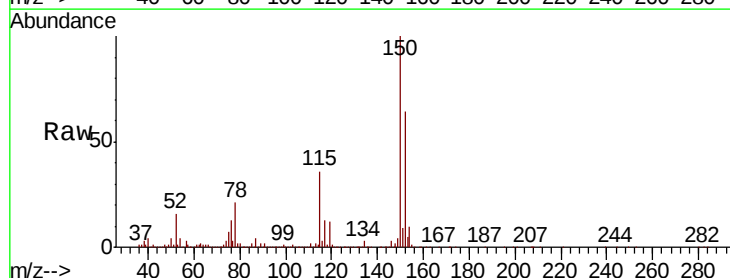
Tgt Ion:152 Resp: 584990

Ion Ratio Lower Upper

152 100

115 64.1 39.0 116.9

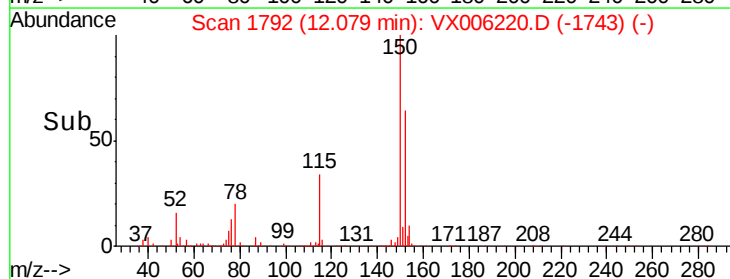
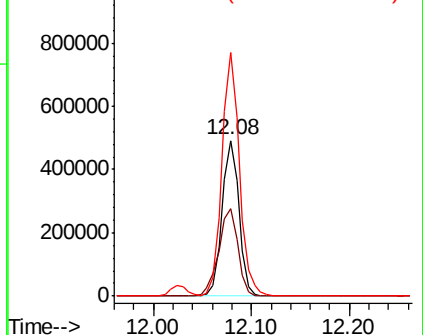
150 162.7 0.0 345.8

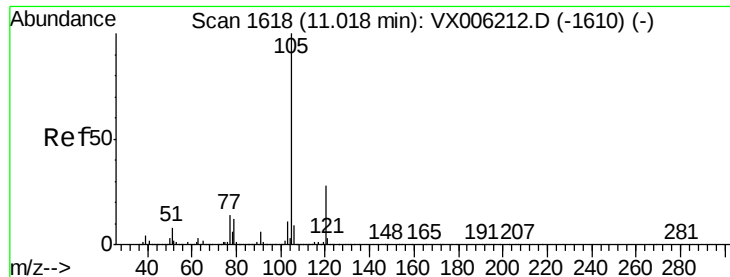


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.800 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 105 Resp: 799915

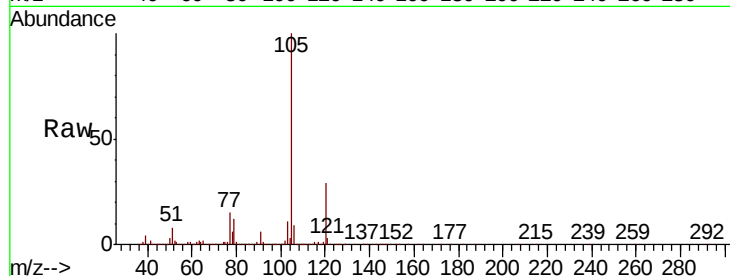
Ion Ratio Lower Upper

105 100

120 28.5 14.1 42.3

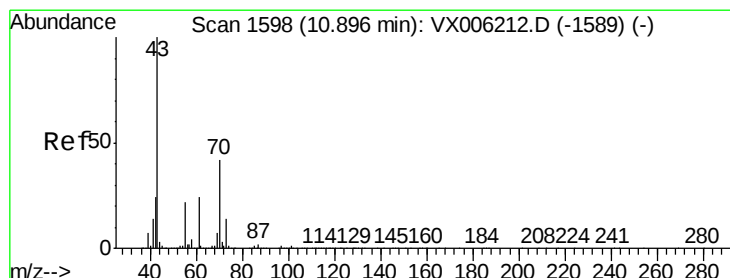
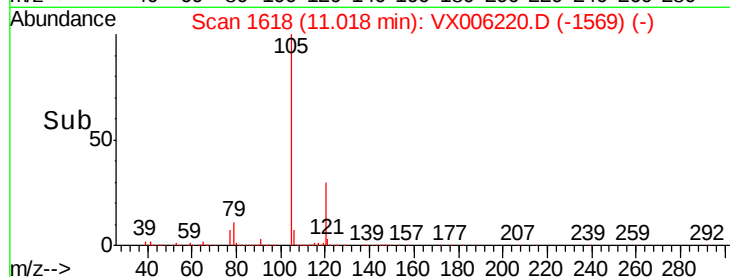
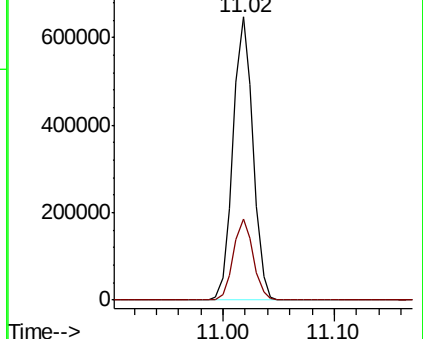
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.297 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion: 43 Resp: 335705

Ion Ratio Lower Upper

43 100

70 42.1 34.1 51.1

55 22.7 17.8 26.8

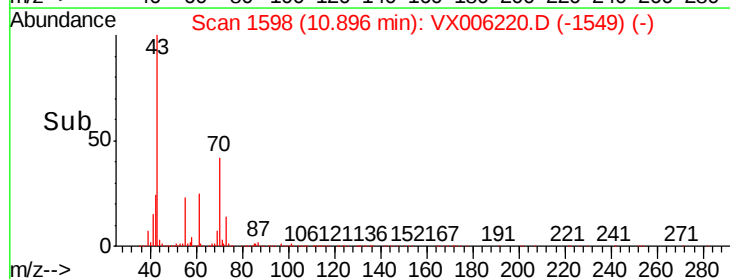
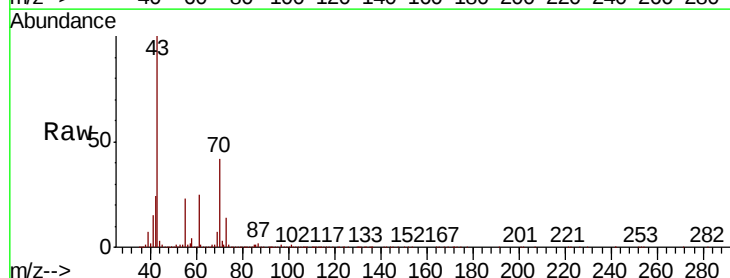
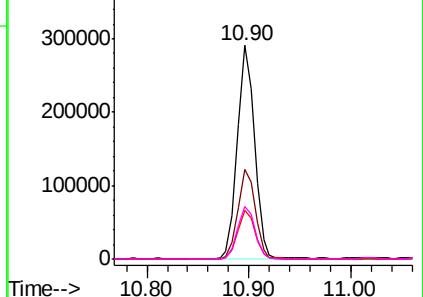
61 25.1 19.7 29.5

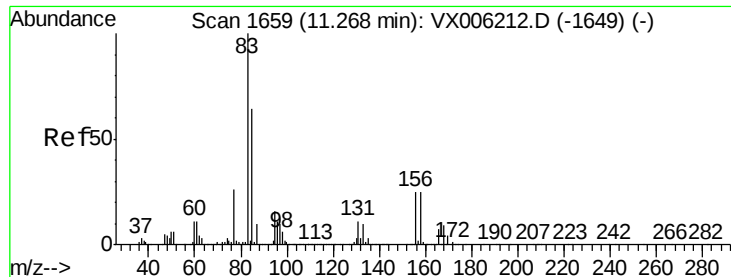
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.724 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

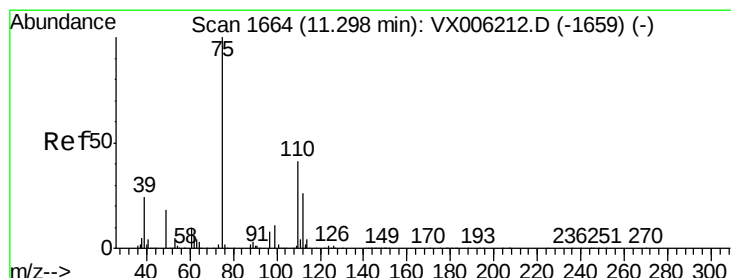
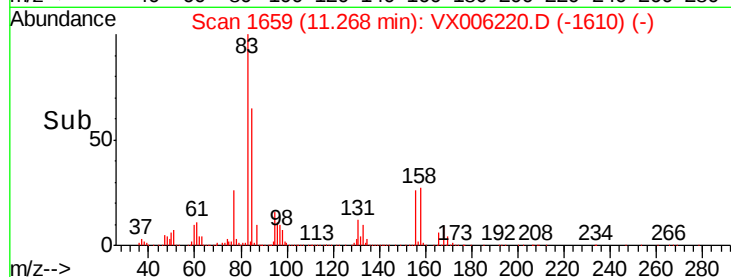
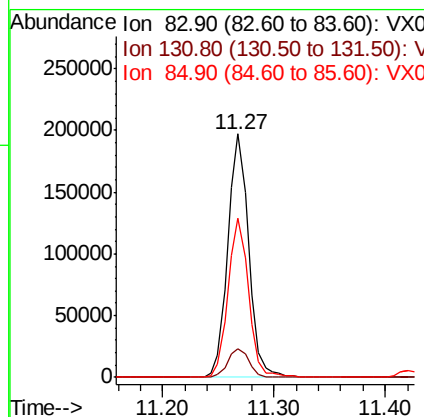
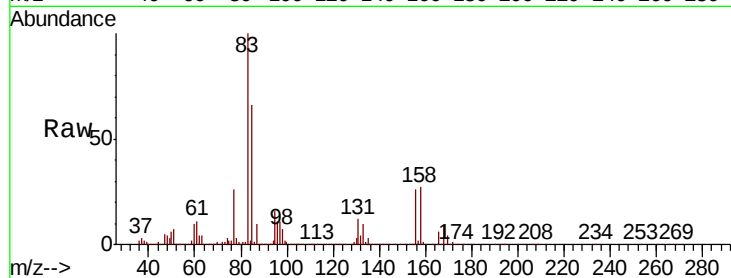
ClientSampled :

VX1130WBS01

Tot Ion:	83	Resp:	254923
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.7	17.1
85	64.4	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#76

1,2,3-Trichloropropane

Concen: 22.162 ug/l m

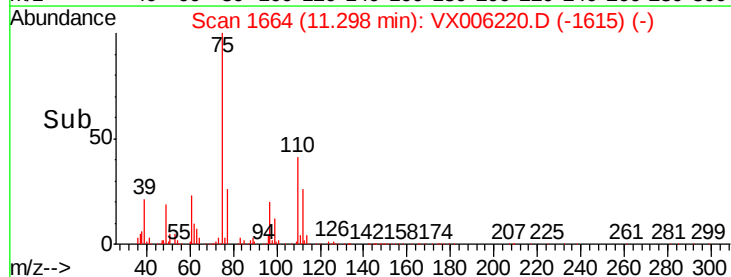
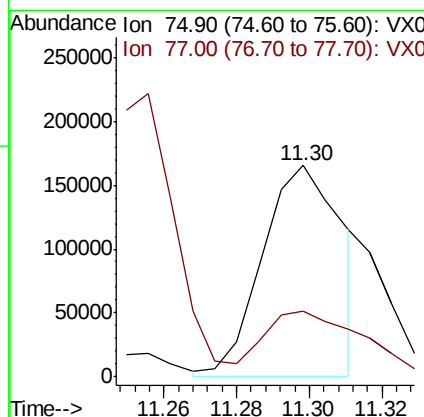
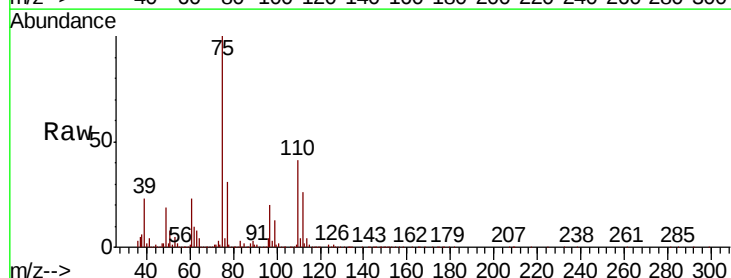
RT: 11.30 min Scan# 1664

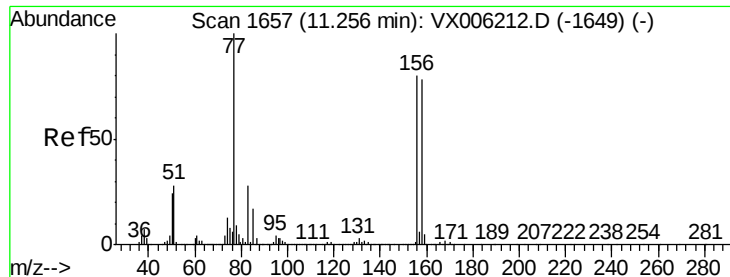
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	75	Resp:	250233
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.9	59.7





#77

Bromobenzene

Concen: 19.727 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

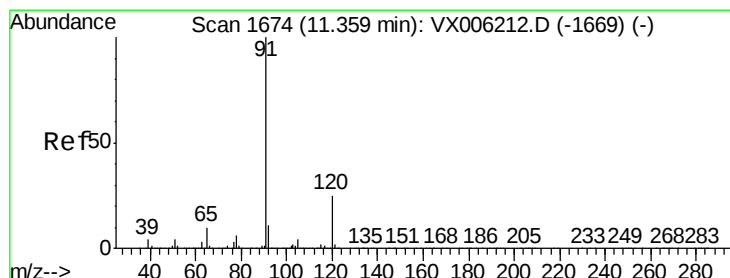
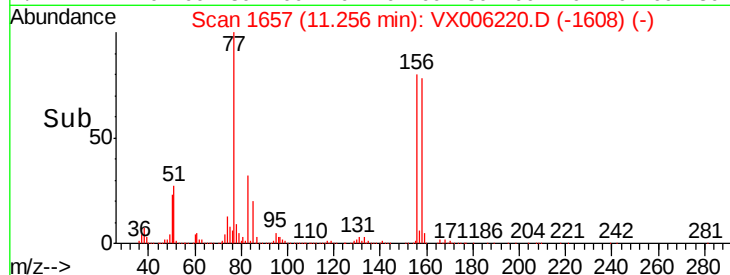
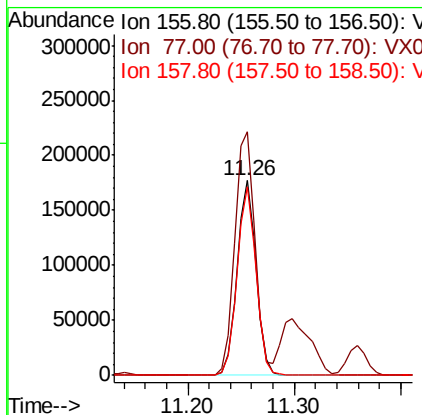
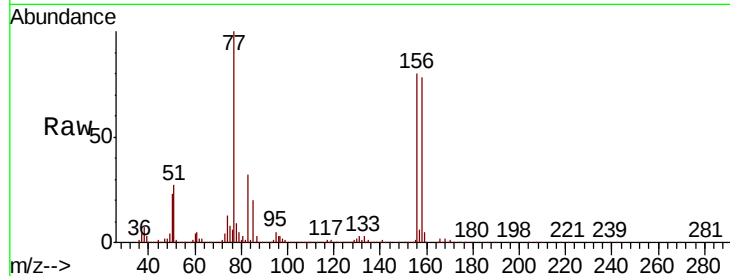
ClientSampleId :

VX1130WBS01

Tot Ion:	156	Resp:	221161
Ion Ratio	Lower	Upper	
156	100		
77	133.8	66.2	198.6
158	97.0	48.8	146.4

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#78

n-propylbenzene

Concen: 19.738 ug/l

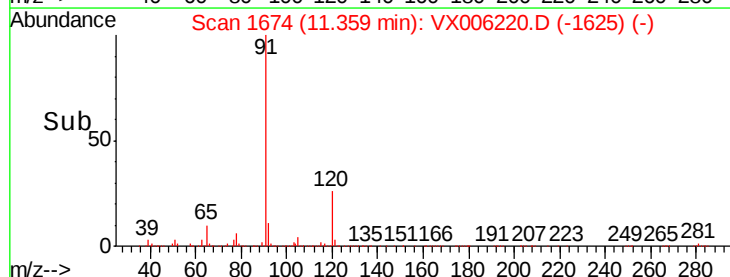
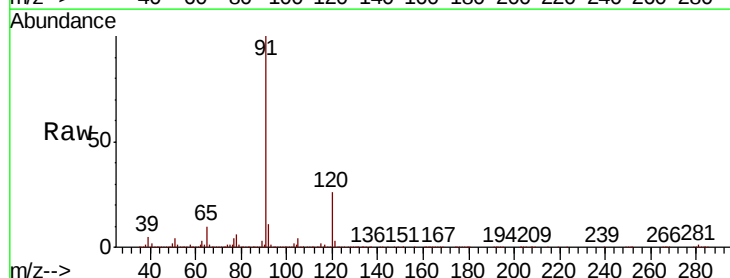
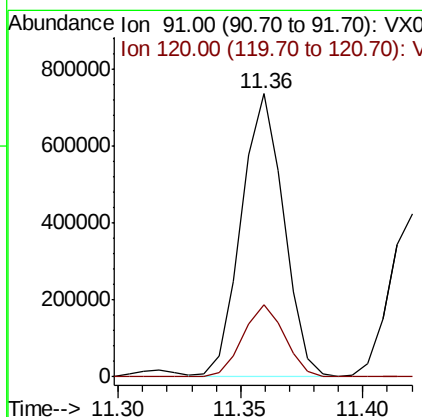
RT: 11.36 min Scan# 1674

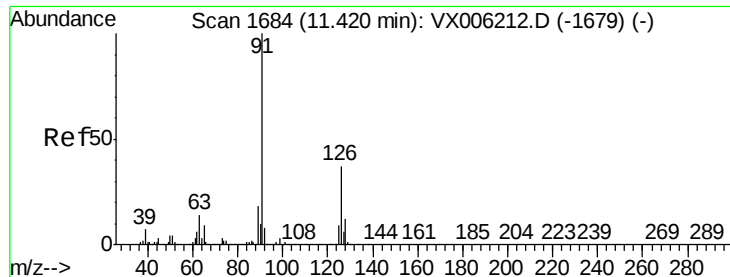
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	91	Resp:	886370
Ion Ratio	Lower	Upper	
91	100		
120	25.5	12.7	38.0





#79

2-Chlorotoluene

Concen: 19.760 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampled :

VX1130WBS01

Tot Ion: 91 Resp: 527402

Ion Ratio Lower Upper

91 100

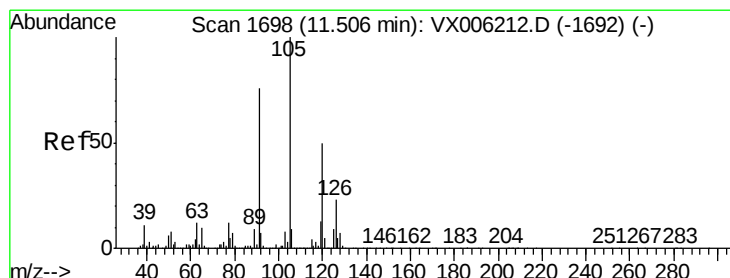
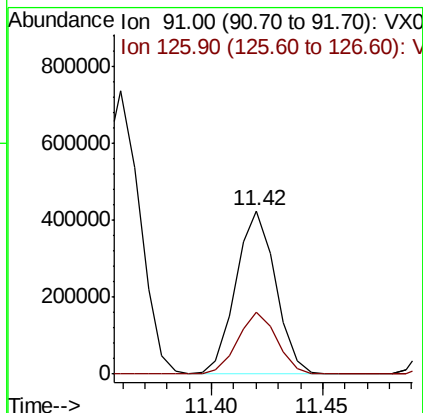
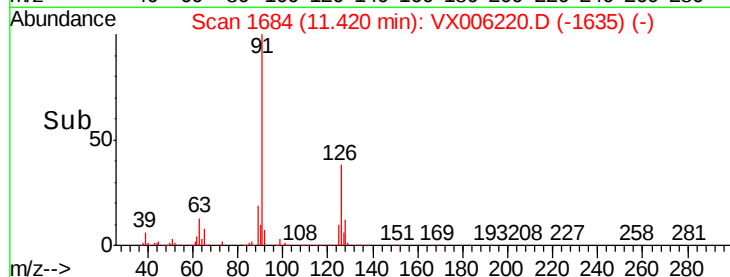
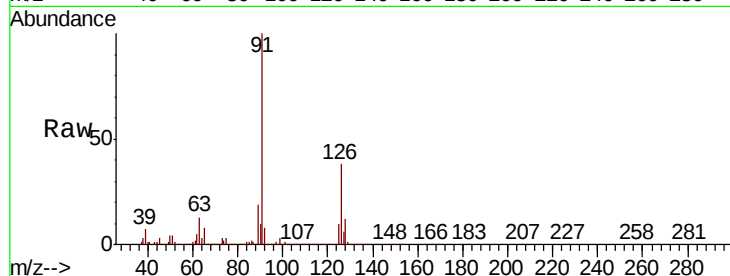
126 37.5 18.6 56.0

Manual Integrations

APPROVED

MMDadoda

12/3/2018 11:59:28 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.769 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006220.D

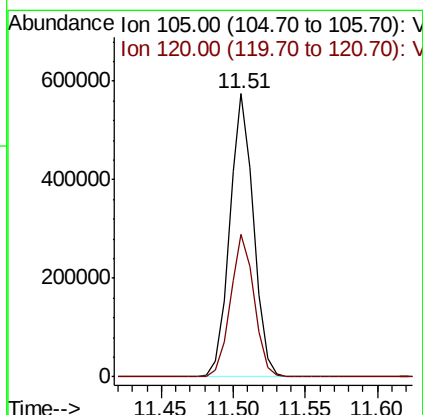
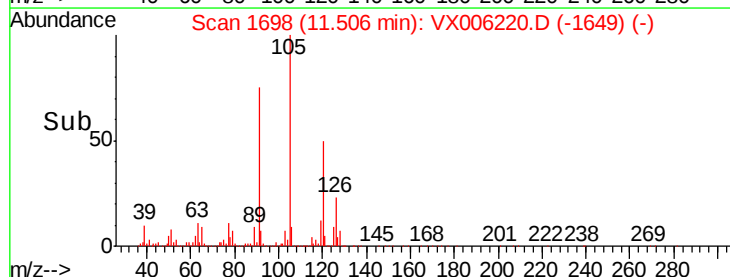
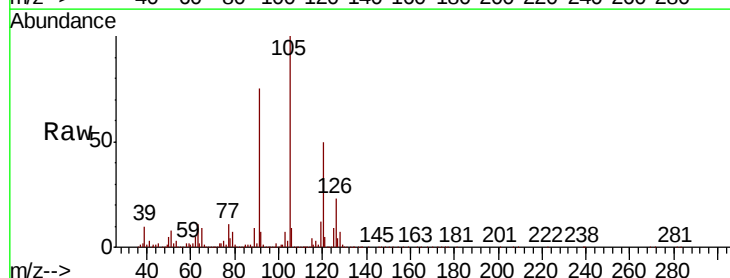
Acq: 30 Nov 2018 10:33

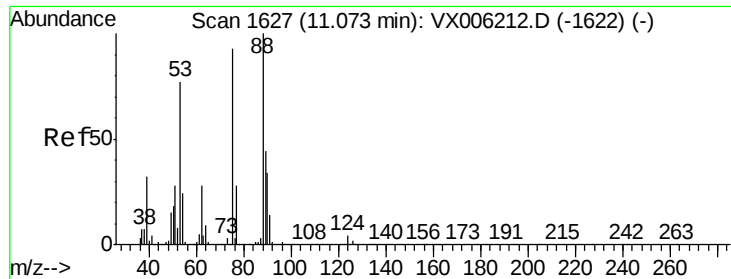
Tgt Ion: 105 Resp: 664509

Ion Ratio Lower Upper

105 100

120 50.1 25.4 76.0





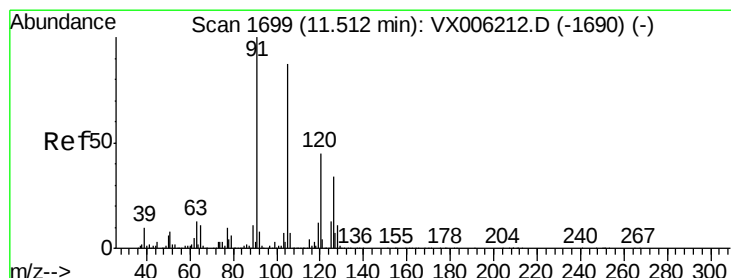
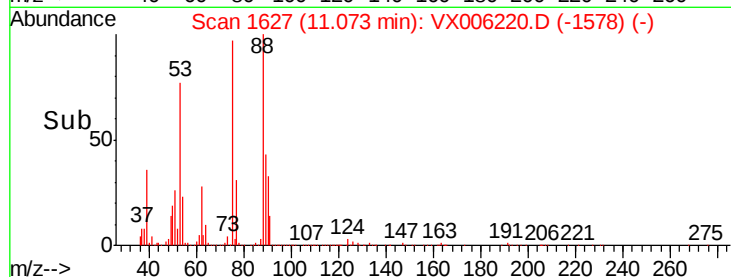
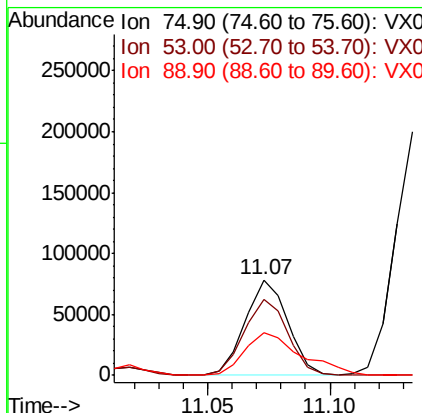
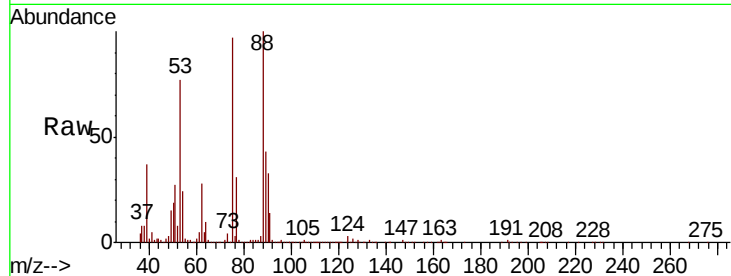
#81
trans-1,4-Dichloro-2-butene
Concen: 19.781 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	81.5	64.4	96.6
89	60.3	44.2	66.4

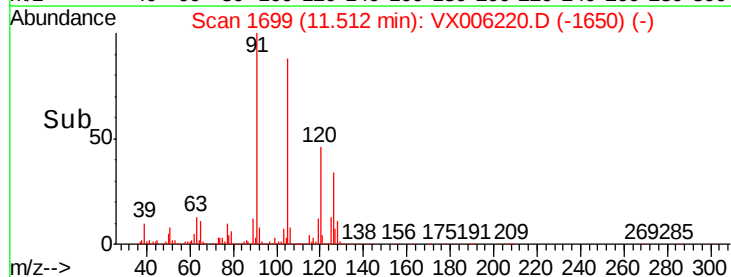
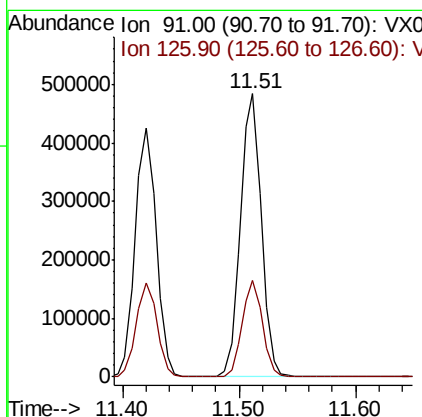
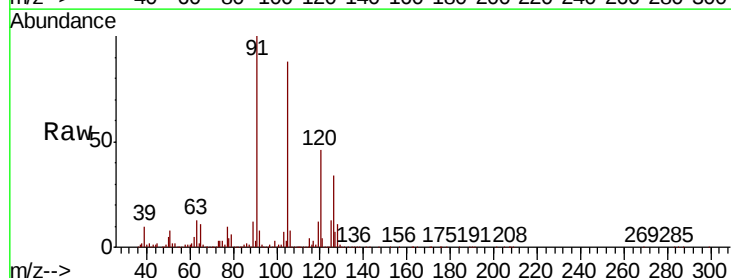
Manual Integrations
APPROVED

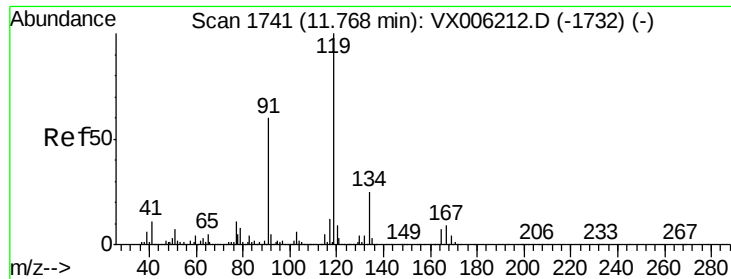
MMDadoda
12/3/2018 11:59:28 AM



#82
4-Chlorotoluene
Concen: 19.549 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4





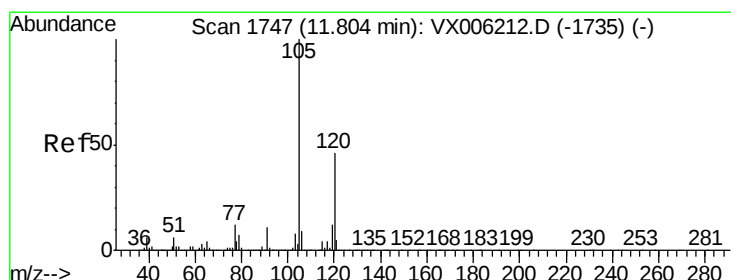
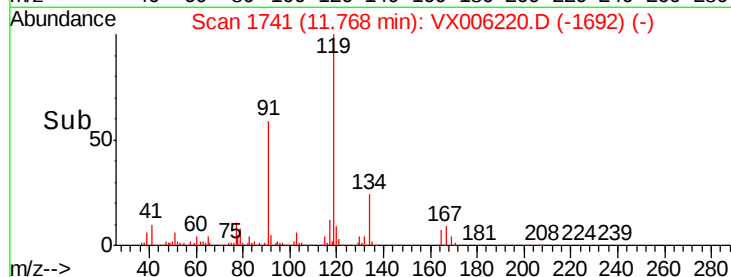
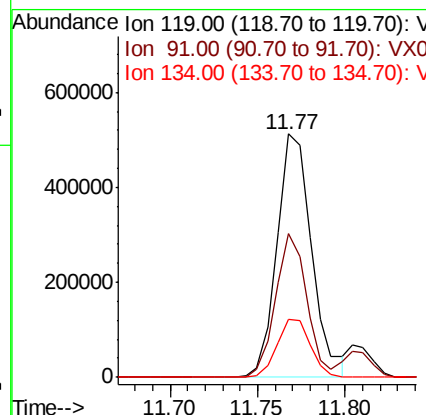
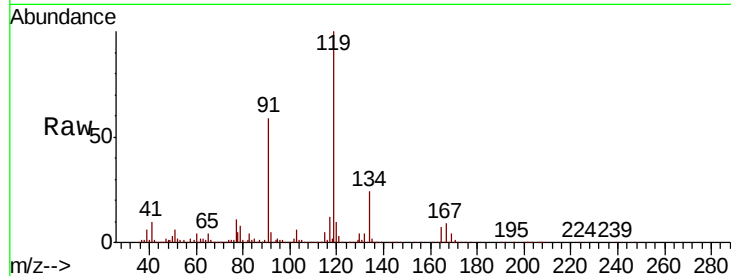
#83
tert-Butylbenzene
Concen: 19.780 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	709393		
91	52.8	26.4	79.2	
134	22.9	11.6	34.7	

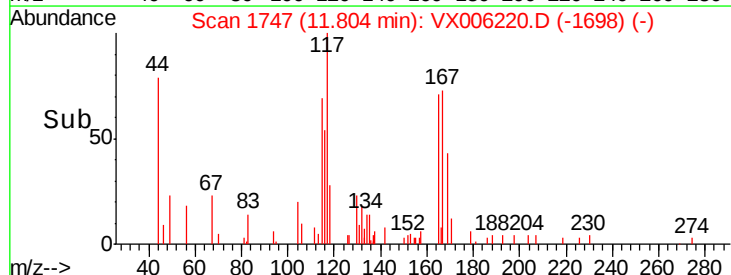
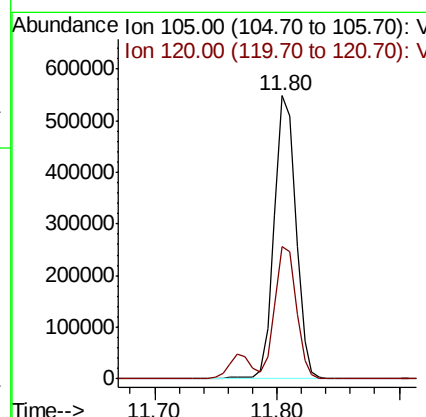
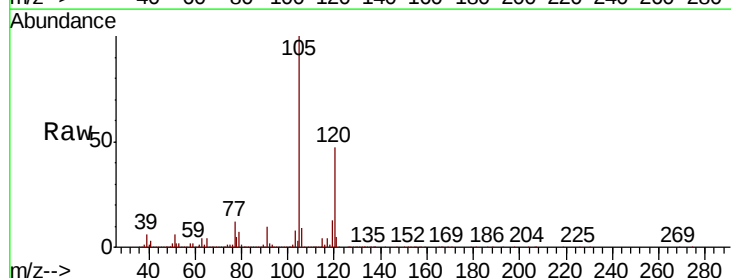
Manual Integrations
APPROVED

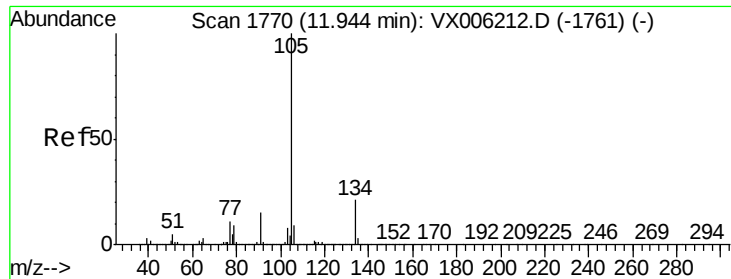
MMDadoda
12/3/2018 11:59:28 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.455 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	675236		
120	46.3	23.4	70.0	





#85

sec-Butylbenzene

Concen: 19.566 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:105 Resp: 798306

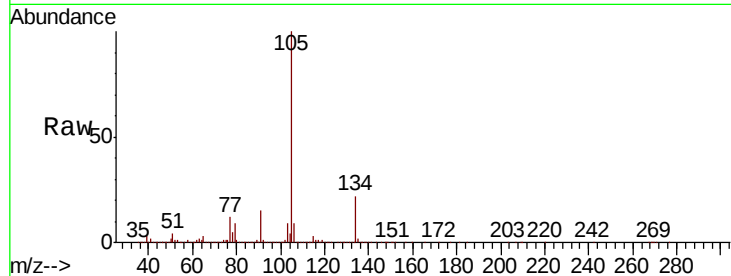
Ion Ratio Lower Upper

105 100

134 21.7 10.8 32.4

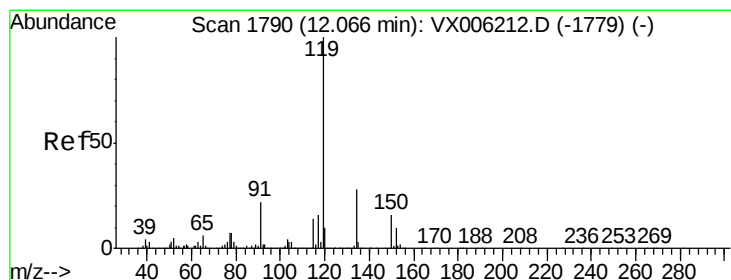
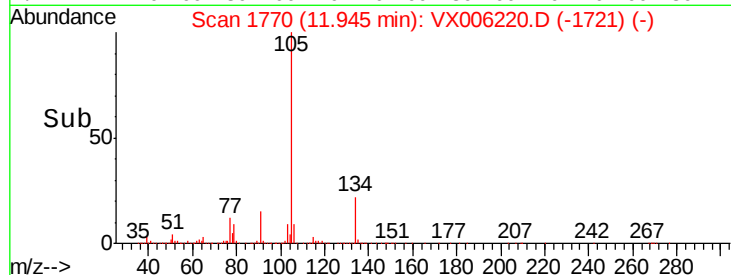
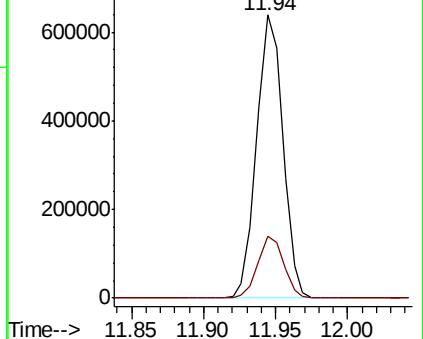
Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.628 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

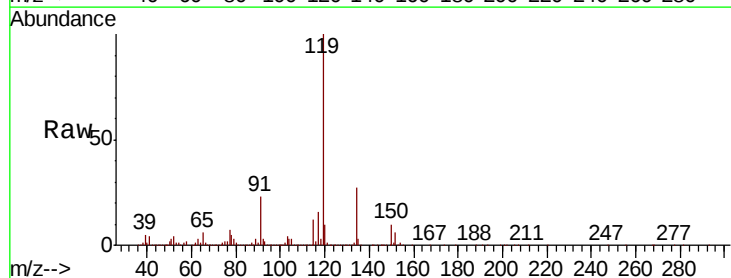
Tgt Ion:119 Resp: 721117

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

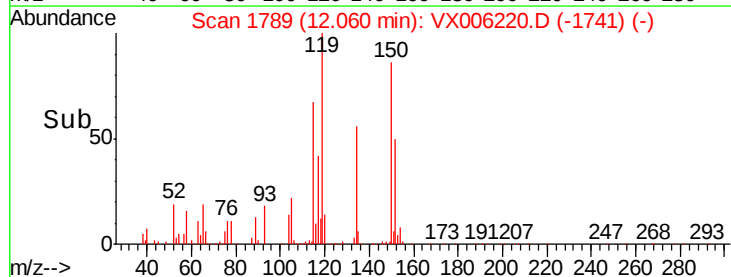
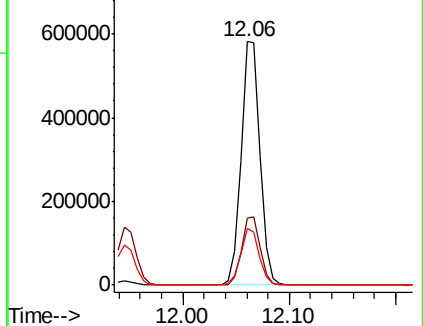
91 22.7 11.3 33.8

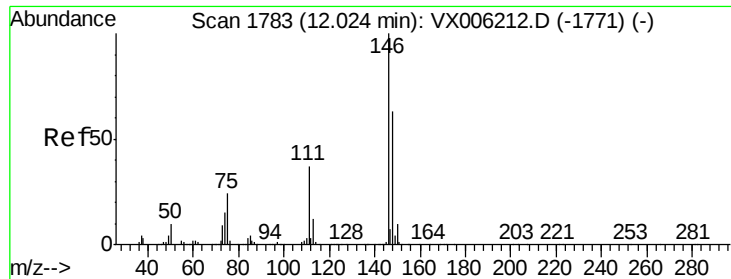


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.876 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

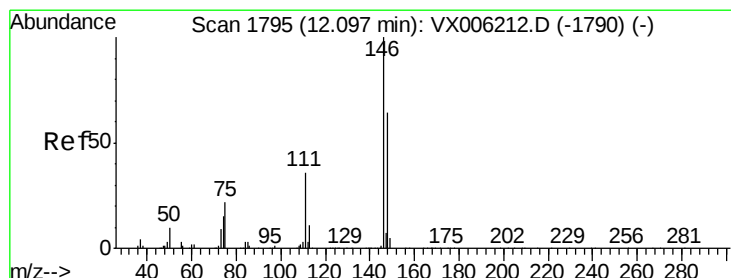
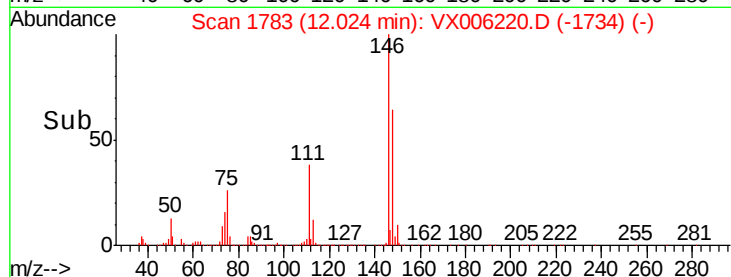
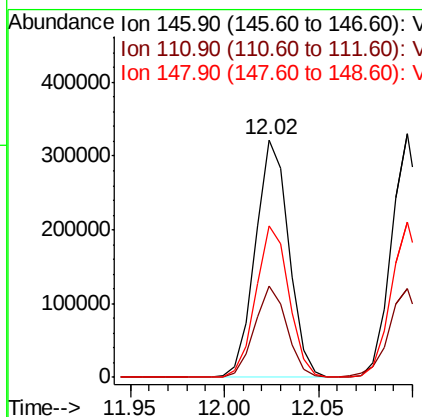
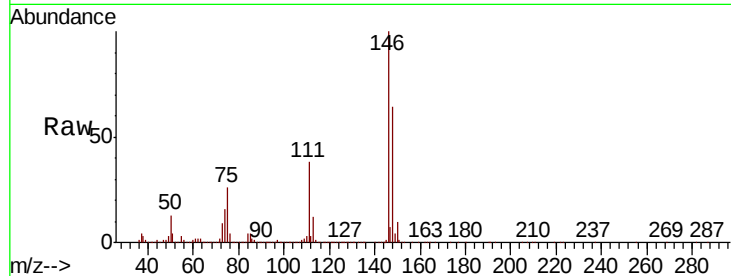
ClientSampleId :

VX1130WBS01

Tot Ion:	146	Resp:	396512
Ion Ratio	Lower	Upper	
146	100		
111	36.8	18.4	55.2
148	63.1	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#88

1,4-Dichlorobenzene

Concen: 19.176 ug/l

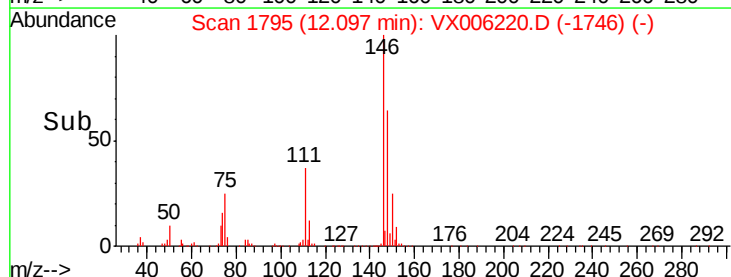
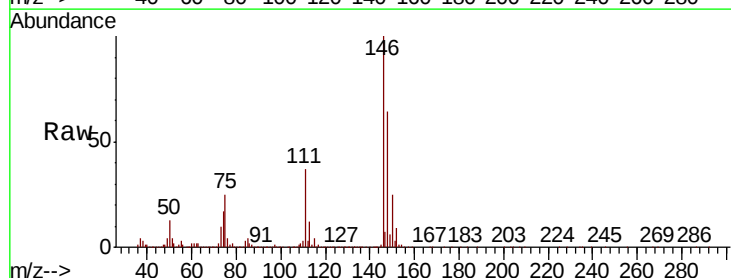
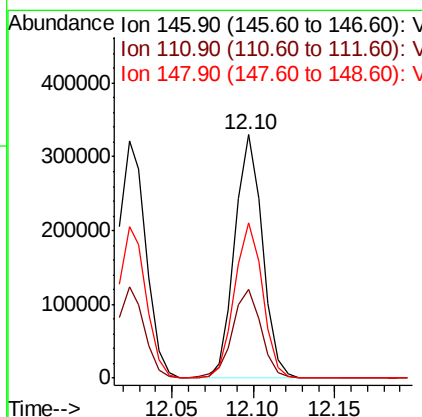
RT: 12.10 min Scan# 1795

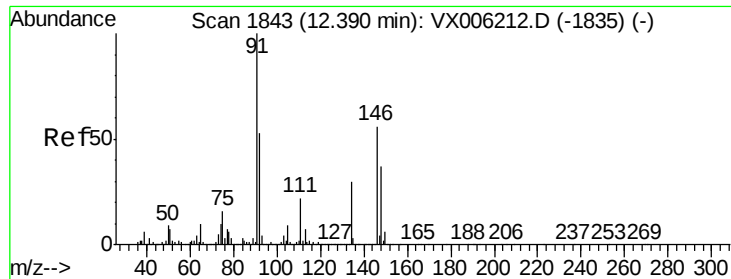
Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	146	Resp:	388276
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.3	54.8
148	65.0	31.9	95.9





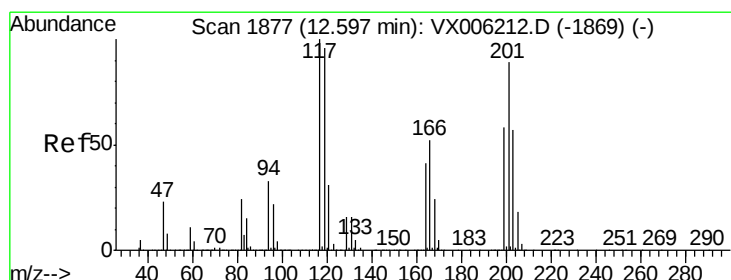
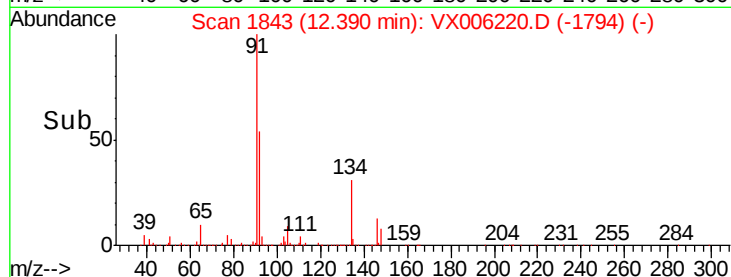
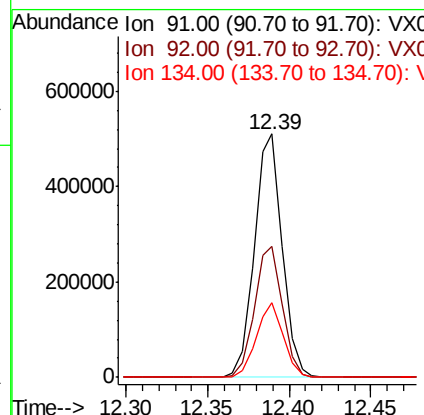
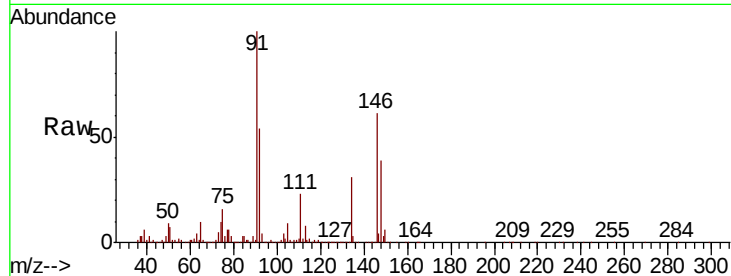
#89
n-Butylbenzene
Concen: 19.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.6	79.8
134	29.6	14.8	44.3

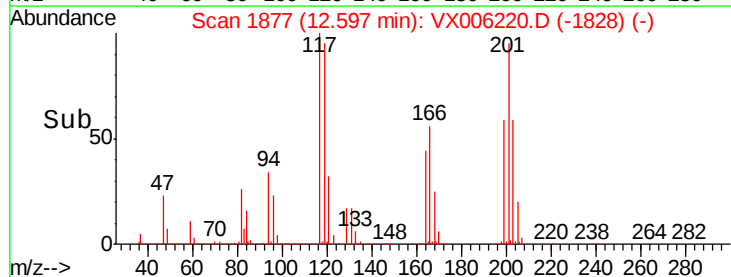
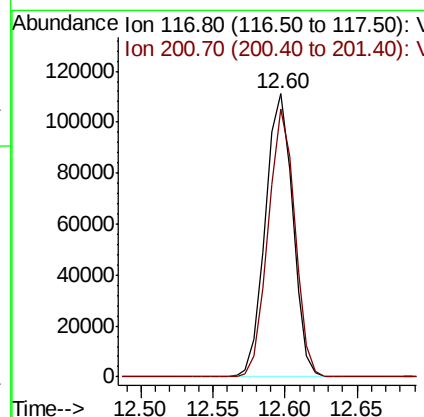
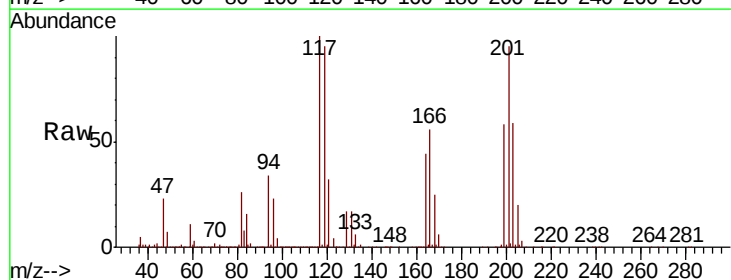
Manual Integrations
APPROVED

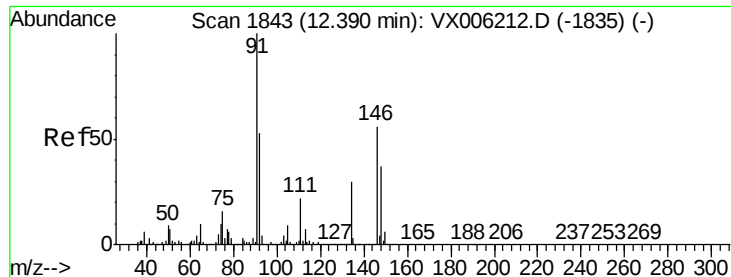
MMDadoda
12/3/2018 11:59:28 AM



#90
Hexachloroethane
Concen: 19.489 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006220.D
Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	44.7	134.1





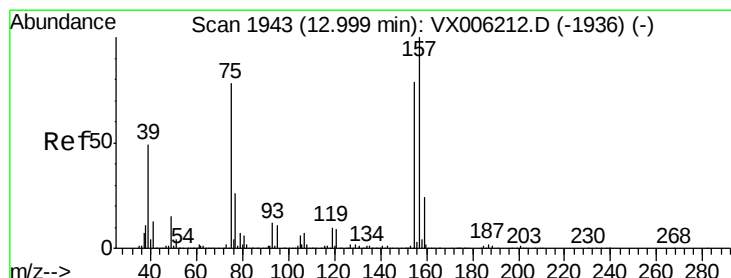
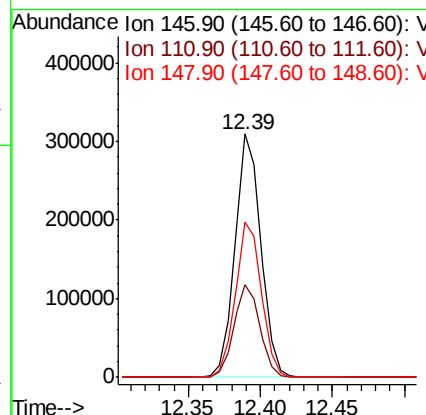
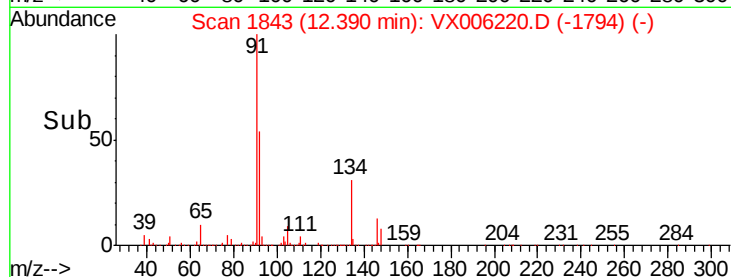
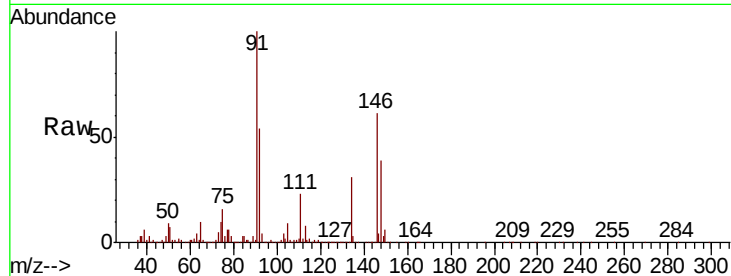
#91
 1,2-Dichlorobenzene
 Concen: 19.769 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	391395		
111	38.2	19.1	57.3	
148	63.9	32.1	96.3	

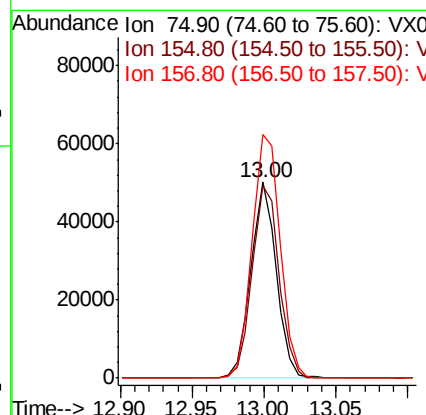
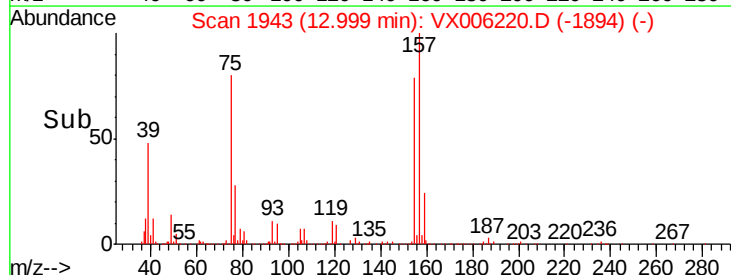
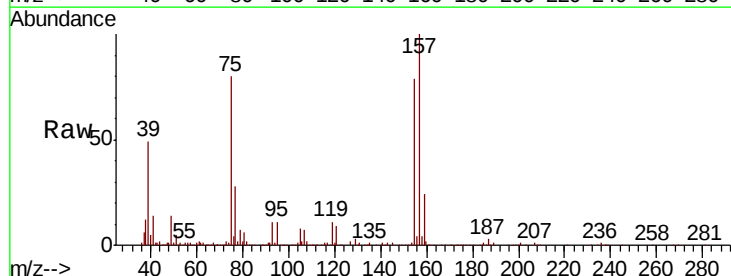
Manual Integrations
 APPROVED

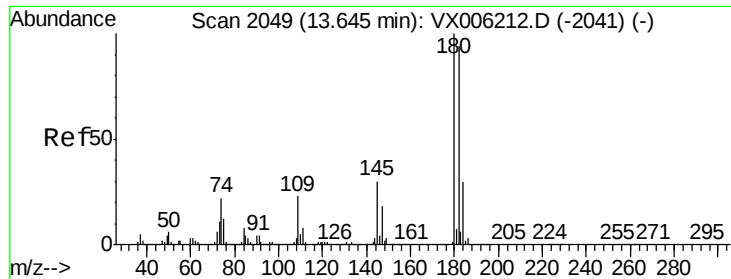
MMDadoda
 12/3/2018 11:59:28 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.395 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60943		
155	104.6	53.4	160.3	
157	136.7	68.0	203.8	





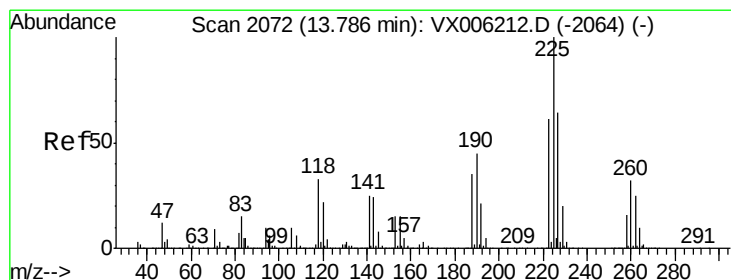
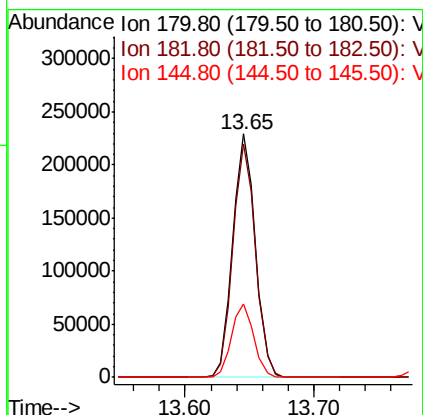
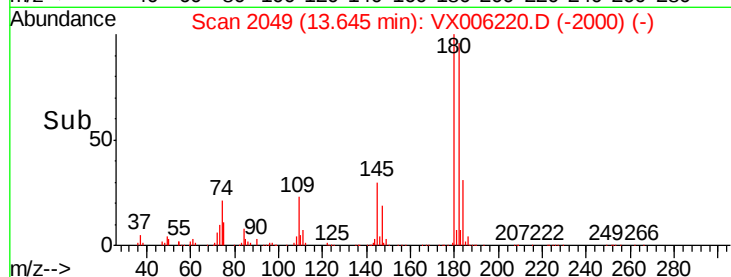
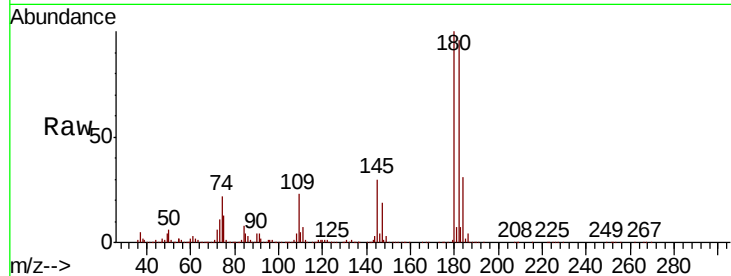
#93
 1,2,4-Trichlorobenzene
 Concen: 19.533 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	282140		
182	95.7	47.3	141.9	
145	29.7	14.6	43.8	

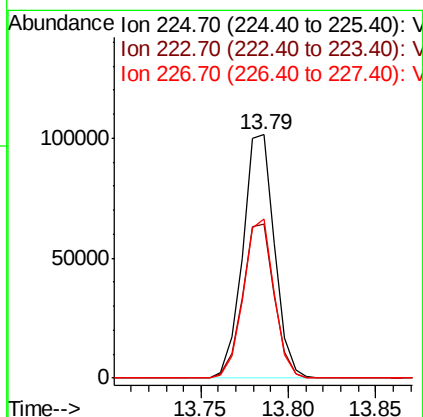
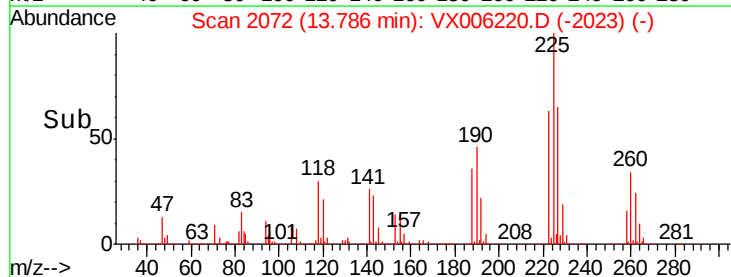
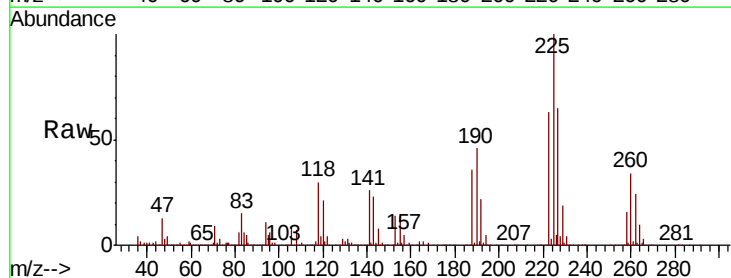
Manual Integrations
 APPROVED

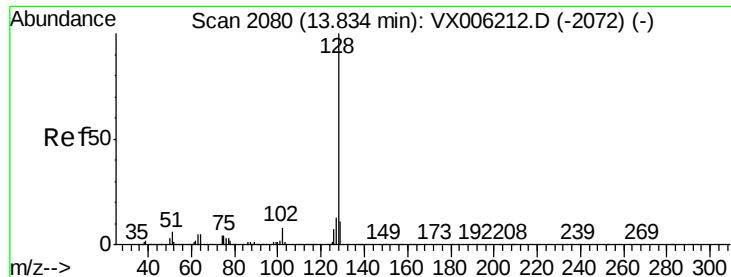
MMDadoda
 12/3/2018 11:59:28 AM



#94
 Hexachlorobutadiene
 Concen: 19.902 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX006220.D
 Acq: 30 Nov 2018 10:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127133		
223	63.3	31.2	93.6	
227	63.1	31.9	95.5	





#95

Naphthalene

Concen: 19.321 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Instrument :

MSVOA_X

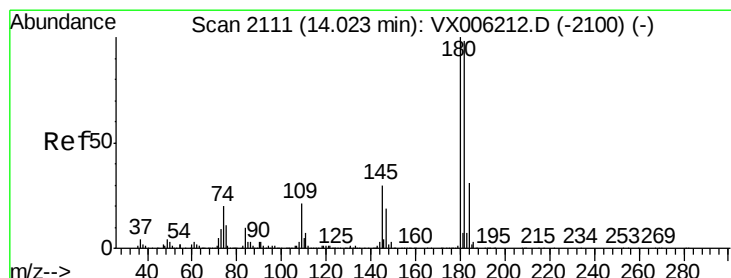
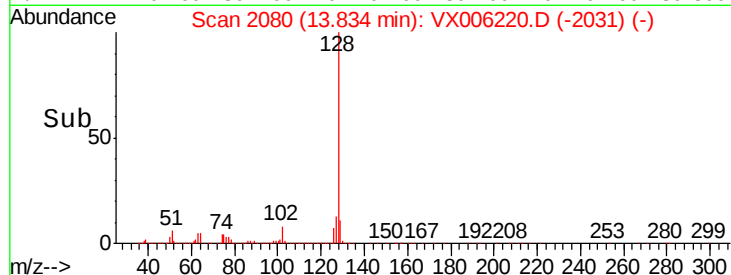
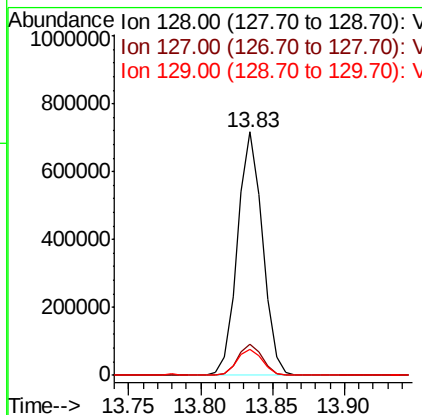
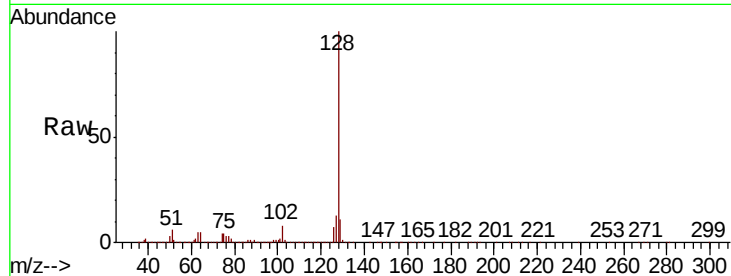
ClientSampleId :

VX1130WBS01

Tot Ion:	128	Resp:	868117
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
12/3/2018 11:59:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.529 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX006220.D

Acq: 30 Nov 2018 10:33

Tgt Ion:	180	Resp:	279390
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.4	145.2
145	31.2	15.6	46.8

