

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001733.D
 Acq On : 15 May 2018 02:16
 Operator : JC/MD
 Sample : J2856-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:13 AM

Quant Time: May 15 06:53:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	409681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	207551	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	5.51	113	178591	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.72	98	662768	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	11.14	95	226744	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	148663	49.00	ug/l	99
3) Chloromethane	1.32	50	164533	50.21	ug/l	99
4) Vinyl Chloride	1.40	62	183602	51.82	ug/l	100
5) Bromomethane	1.64	94	79402	53.47	ug/l	95
6) Chloroethane	1.72	64	119339	53.48	ug/l	99
7) Trichlorofluoromethane	1.93	101	258180	50.15	ug/l	99
8) Diethyl Ether	2.19	74	109430	51.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145051	46.80	ug/l	99
10) Methyl Iodide	2.51	142	100713	35.32	ug/l	99
11) Tert butyl alcohol	3.08	59	184626	256.63	ug/l	99
12) 1,1-Dichloroethene	2.37	96	150218	50.27	ug/l	98
13) Acrolein	2.30	56	131613	257.95	ug/l	100
14) Allyl chloride	2.73	41	279677	50.64	ug/l	99
15) Acrylonitrile	3.15	53	465339	257.53	ug/l	100
16) Acetone	2.45	43	390438	245.32	ug/l	100
17) Carbon Disulfide	2.57	76	392398	50.34	ug/l	99
18) Methyl Acetate	2.78	43	231174	49.69	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	519540	51.59	ug/l	99
20) Methylene Chloride	2.86	84	171189	50.25	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	165687	50.34	ug/l	99
22) Diisopropyl ether	3.88	45	544264	51.37	ug/l	99
23) Vinyl Acetate	3.83	43	1748551	229.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	293049	50.43	ug/l	99
25) 2-Butanone	4.71	43	634567	260.43	ug/l	97
26) 2,2-Dichloropropane	4.59	77	190058	40.63	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	192098	51.29	ug/l	97
28) Bromochloromethane	5.03	49	143779	55.70	ug/l	99
29) Tetrahydrofuran	5.17	42	415201	261.41	ug/l	100
30) Chloroform	5.22	83	314650	51.55	ug/l	99
31) Cyclohexane	5.58	56	257979	50.65	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	276392	52.40	ug/l	100
36) 1,1-Dichloropropene	5.81	75	229033	48.56	ug/l	100
37) Ethyl Acetate	4.87	43	233023	47.41	ug/l	99
38) Carbon Tetrachloride	5.79	117	245506	49.69	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
 Data File : VX001733.D
 Acq On : 15 May 2018 02:16
 Operator : JC/MD
 Sample : J2856-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:13 AM

Quant Time: May 15 06:53:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	261625	47.48	ug/l	98
40) Benzene	6.15	78	702767	50.58	ug/l	100
41) Methacrylonitrile	5.07	41	142904	50.28	ug/l	99
42) 1,2-Dichloroethane	6.20	62	248902	49.53	ug/l	100
43) Isopropyl Acetate	6.48	43	380341	49.44	ug/l	100
44) Trichloroethene	7.22	130	210438	48.79	ug/l	100
45) 1,2-Dichloropropane	7.52	63	173372	50.85	ug/l	100
46) Dibromomethane	7.67	93	120153	50.19	ug/l	98
47) Bromodichloromethane	7.90	83	234225	52.72	ug/l	98
48) Methyl methacrylate	7.79	41	212970	52.60	ug/l	99
49) 1,4-Dioxane	7.76	88	84592	1085.08	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1291854	265.00	ug/l	100
52) Toluene	8.79	92	463701	51.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	268098	51.29	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	244919	53.15	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	172747	50.61	ug/l	99
56) Ethyl methacrylate	9.19	69	252513	52.17	ug/l	99
57) 1,3-Dichloropropane	9.38	76	283024	49.53	ug/l	100
59) 2-Hexanone	9.51	43	905489	259.48	ug/l	100
60) Dibromochloromethane	9.59	129	187248	53.58	ug/l	100
61) 1,2-Dibromoethane	9.68	107	181870	50.90	ug/l	99
64) Tetrachloroethene	9.34	164	216707	46.15	ug/l	97
65) Chlorobenzene	10.14	112	486730	49.06	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	179364	51.18	ug/l	99
67) Ethyl Benzene	10.26	91	798513	50.36	ug/l	100
68) m/p-Xylenes	10.37	106	639848	102.27	ug/l	100
69) o-Xylene	10.71	106	310115	51.76	ug/l	99
70) Styrene	10.72	104	519739	52.60	ug/l	100
71) Bromoform	10.87	173	153675	47.29	ug/l	100
73) Isopropylbenzene	11.02	105	815330	51.03	ug/l	100
74) N-amyl acetate	6.48	43	380341	49.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	242724	50.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234624m	50.86	ug/l	
77) Bromobenzene	11.26	156	239598	51.04	ug/l	99
78) n-propylbenzene	11.37	91	914618	50.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	541658	50.32	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	679225	51.82	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64949	42.49	ug/l	98
82) 4-Chlorotoluene	11.52	91	636305	50.18	ug/l	100
83) tert-Butylbenzene	11.77	119	690771	52.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	704359	51.89	ug/l	100
85) sec-Butylbenzene	11.95	105	820356	50.95	ug/l	100
86) p-Isopropyltoluene	12.07	119	753314	50.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	430062	49.54	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	435697	48.53	ug/l	99
89) n-Butylbenzene	12.40	91	630476	48.93	ug/l	99
90) Hexachloroethane	12.60	117	122028	52.74	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	430129	49.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54319	53.10	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	340805	49.43	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\
Data File : VX001733.D
Acq On : 15 May 2018 02:16
Operator : JC/MD
Sample : J2856-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

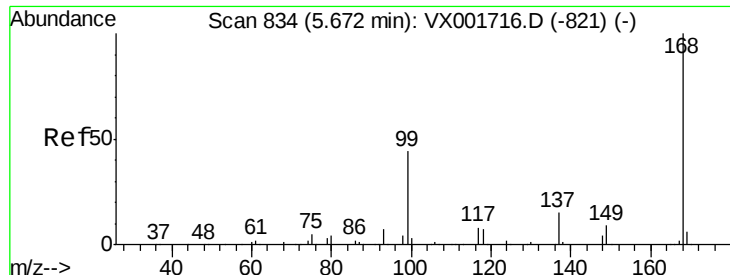
Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM

Quant Time: May 15 06:53:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	167771	45.32	ug/l	99
95) Naphthalene	13.84	128	955894	53.33	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	345672	49.78	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

MW-03MSD

Tot Ion:168 Resp: 302310

Ion Ratio Lower Upper

168 100

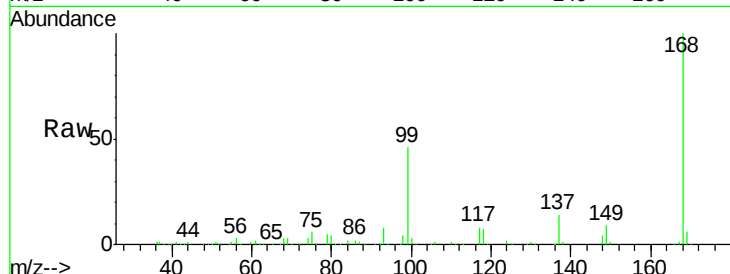
99 46.0 35.0 52.4

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

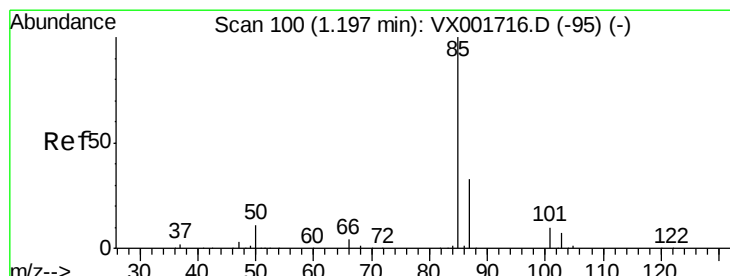
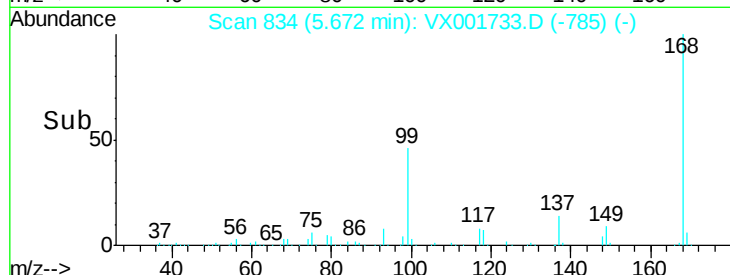
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001733.D

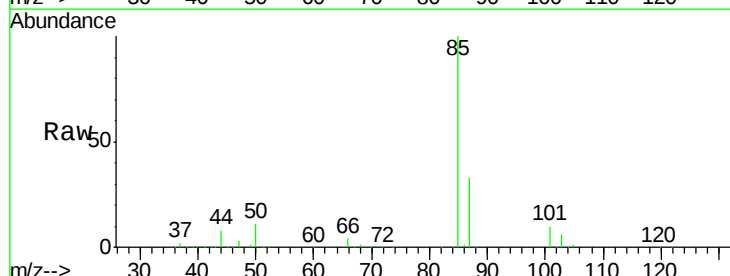
Acq: 15 May 2018 02:16

Tgt Ion: 85 Resp: 148663

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

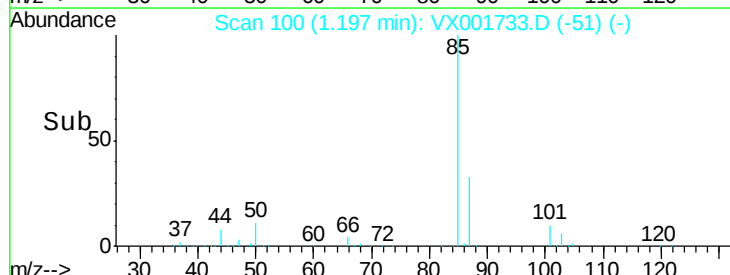
150000

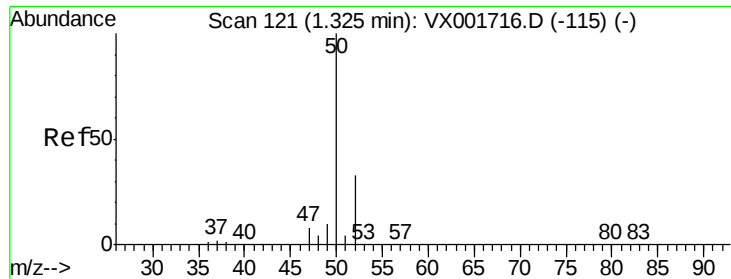
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 50 Resp: 164533

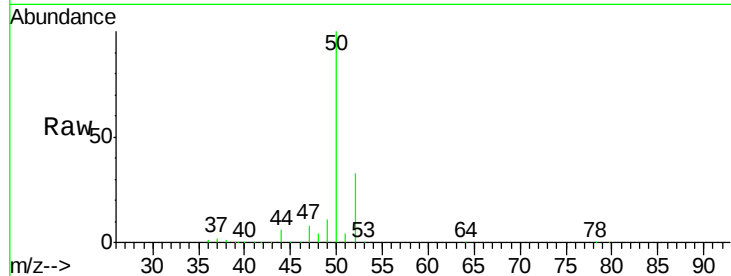
Ion Ratio Lower Upper

50 100

52 33.4 26.3 39.5

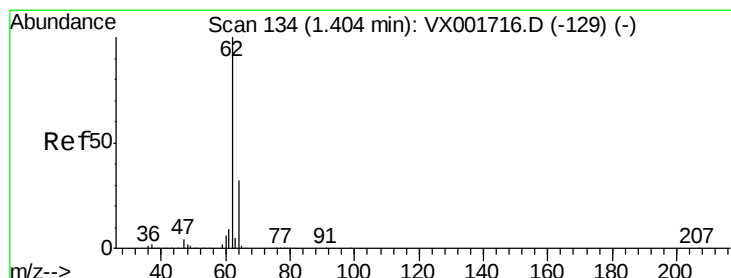
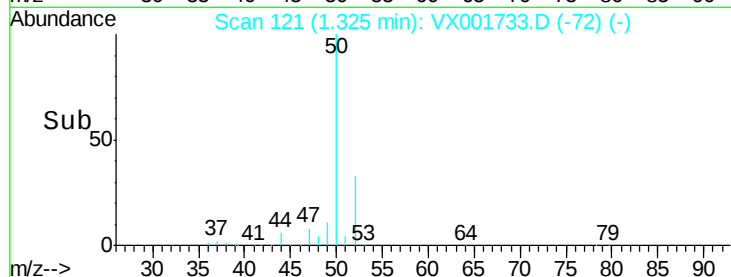
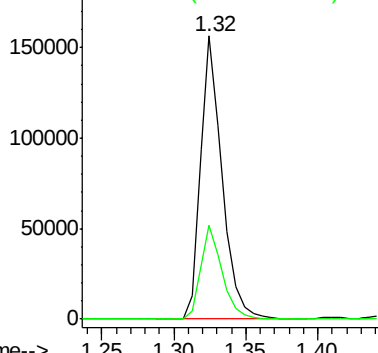
Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001733.D

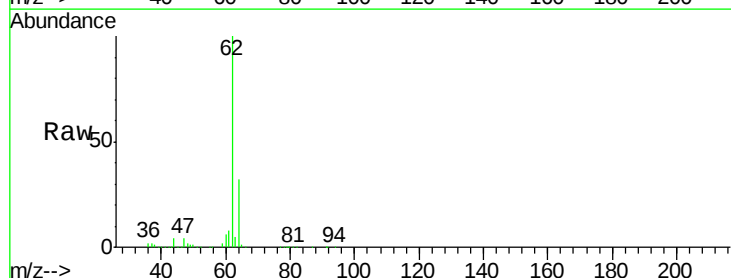
Acq: 15 May 2018 02:16

Tgt Ion: 62 Resp: 183602

Ion Ratio Lower Upper

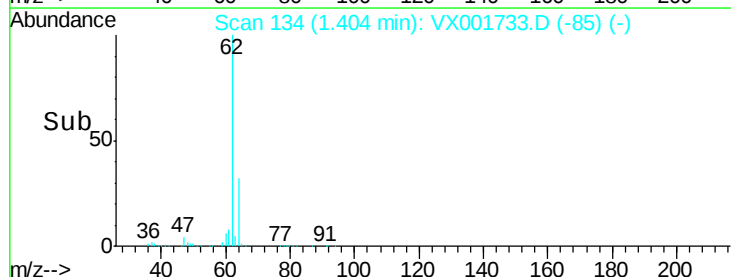
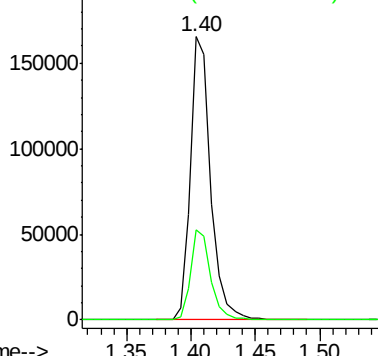
62 100

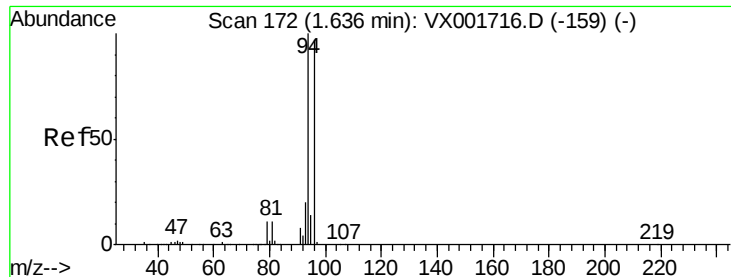
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.47 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 94 Resp: 79402

Ion Ratio Lower Upper

94 100

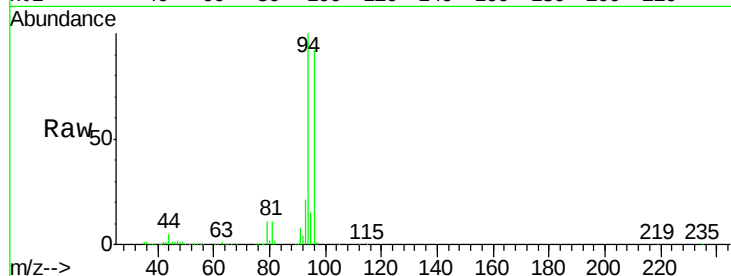
96 92.3 77.4 116.0

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

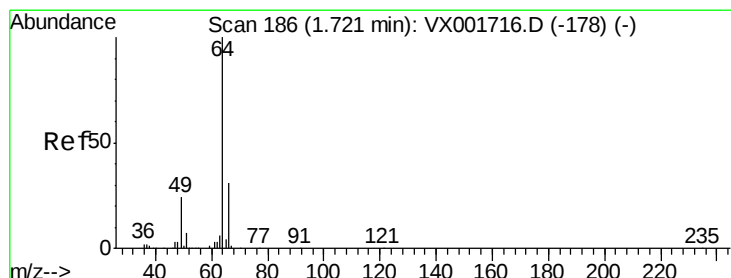
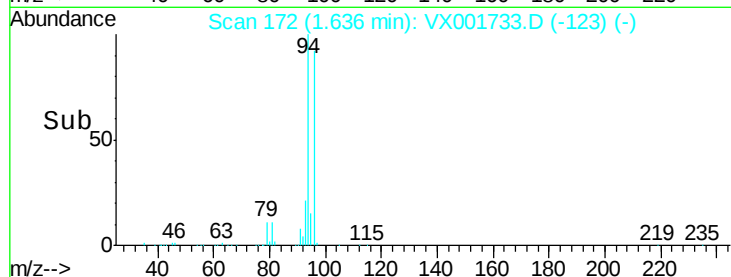
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 53.48 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX001733.D

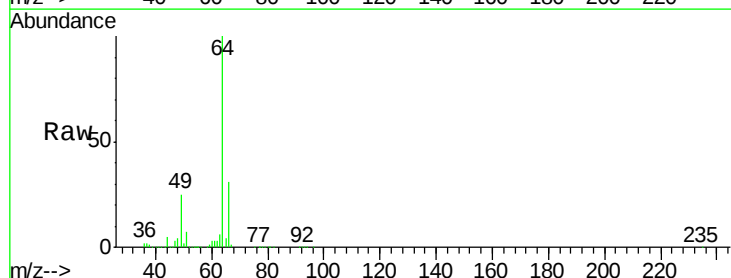
Acq: 15 May 2018 02:16

Tgt Ion: 64 Resp: 119339

Ion Ratio Lower Upper

64 100

66 30.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

100000

80000

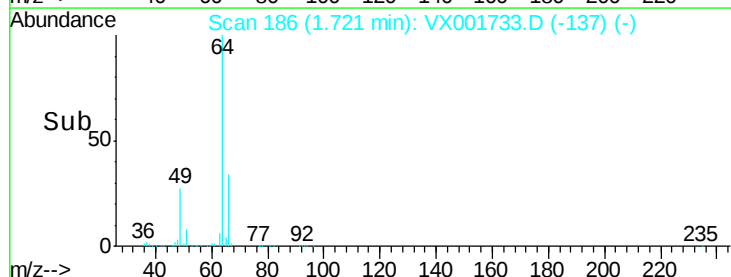
60000

40000

20000

0

Time-->





#7

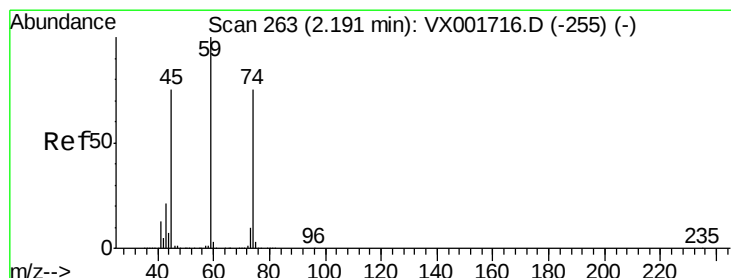
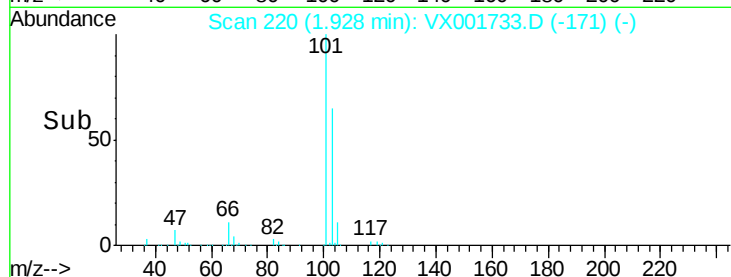
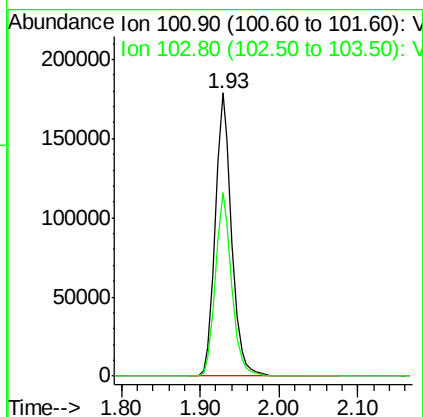
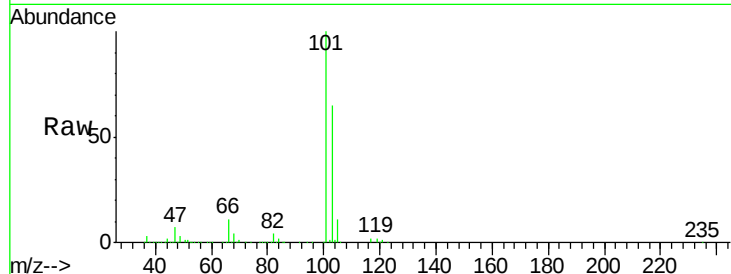
Trichlorofluoromethane
Concen: 50.15 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
101	100	258180		
103	64.9	52.6	78.8	

Manual Integrations
APPROVED

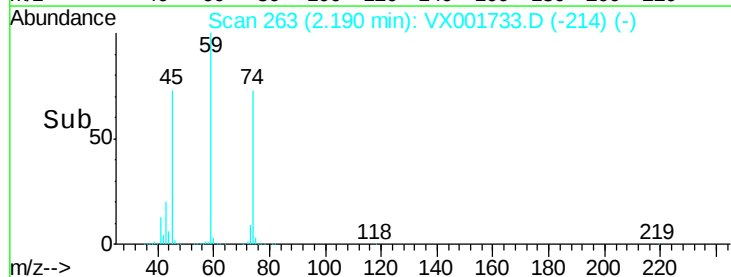
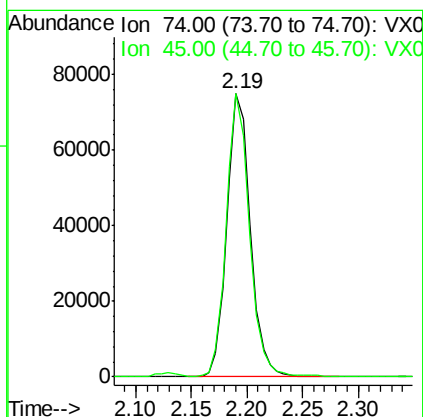
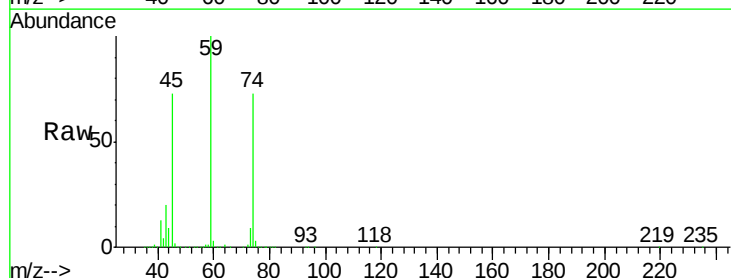
MMDadoda
5/16/2018 11:54:13 AM

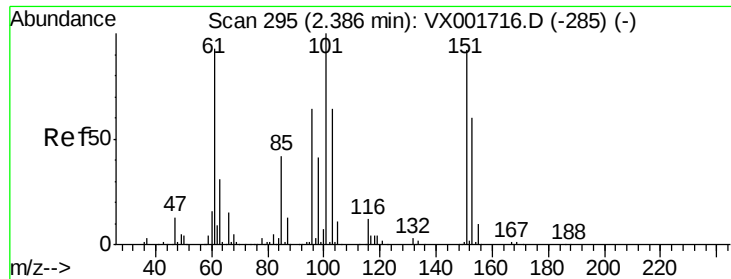


#8

Diethyl Ether
Concen: 51.64 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	109430		
45	97.6	50.0	149.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.80 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

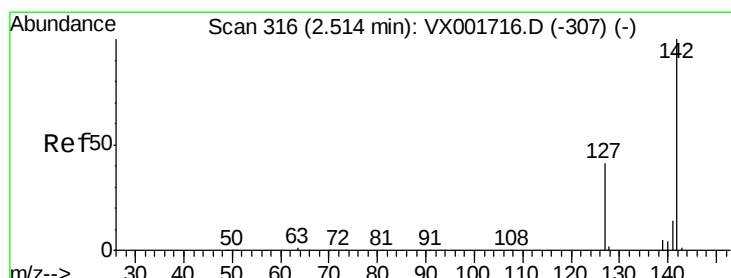
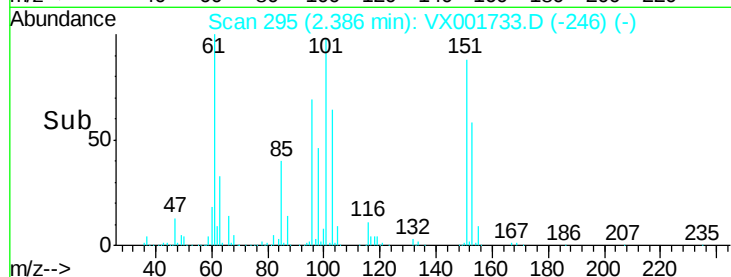
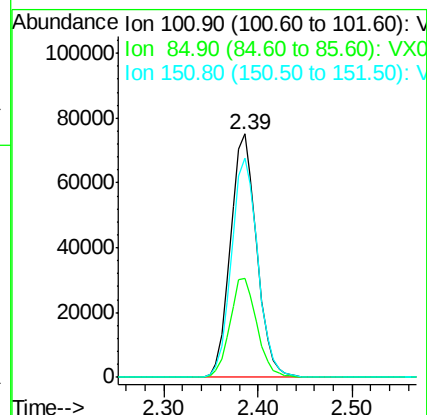
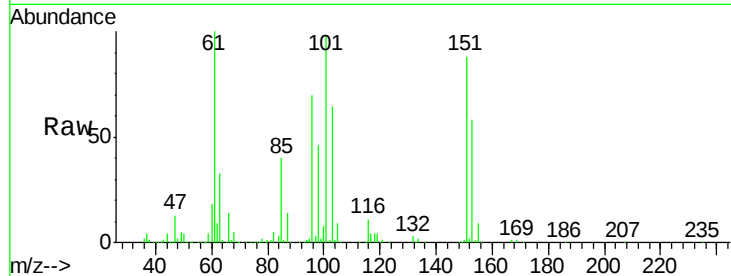
ClientSampleId :

MW-03MSD

Tot Ion:	101	Resp:	145051
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	90.8	73.0	109.6

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#10

Methyl Iodide

Concen: 35.32 ug/l

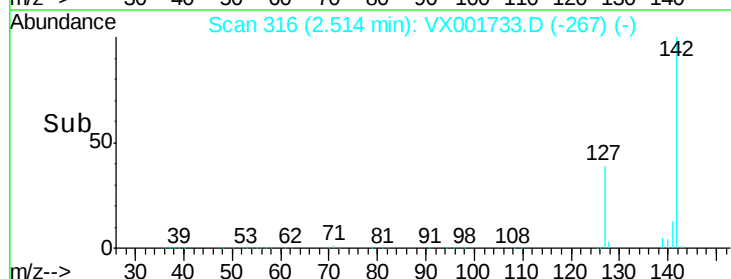
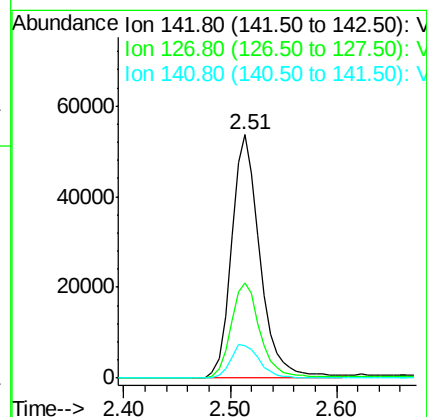
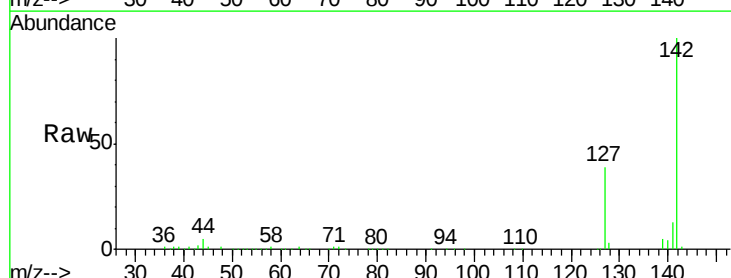
RT: 2.51 min Scan# 316

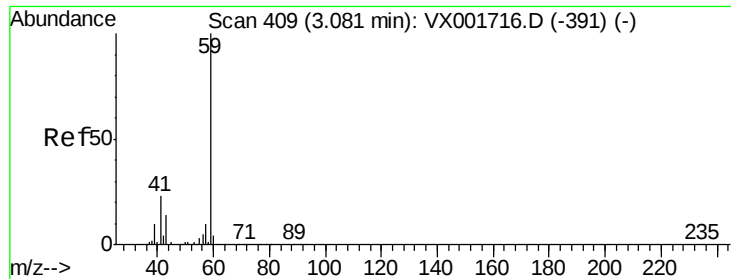
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	142	Resp:	100713
Ion Ratio	Lower	Upper	
142	100		
127	40.2	32.5	48.7
141	14.0	11.4	17.0





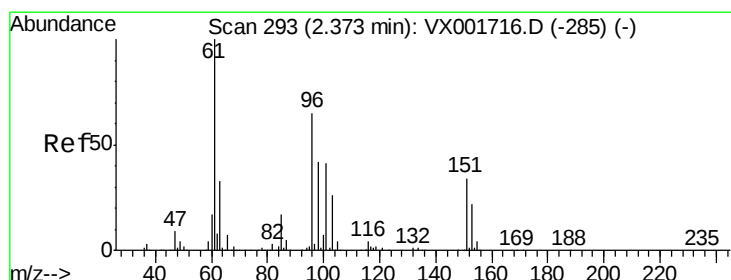
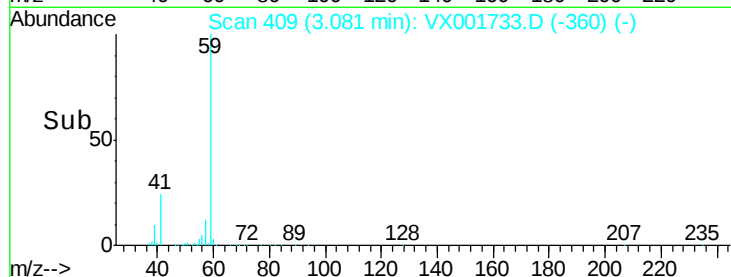
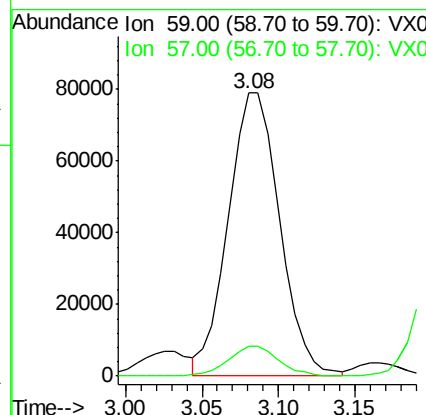
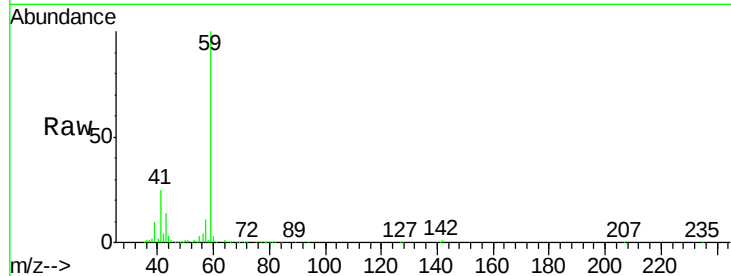
#11
Tert butyl alcohol
Concen: 256.63 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	59	Resp	184626
Ion Ratio	100	Lower	Upper
57	10.2	8.5	12.7

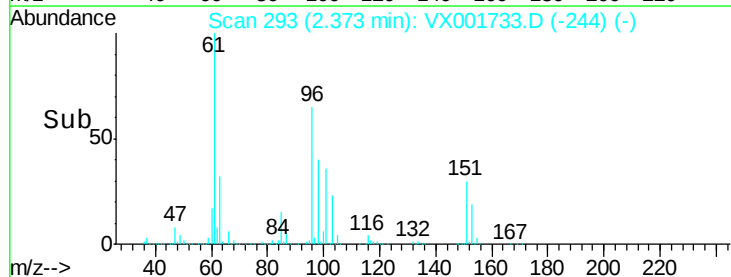
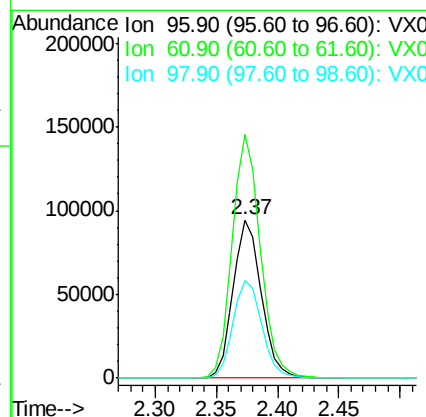
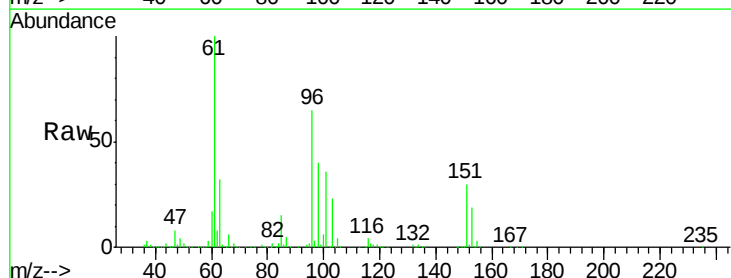
Manual Integrations
APPROVED

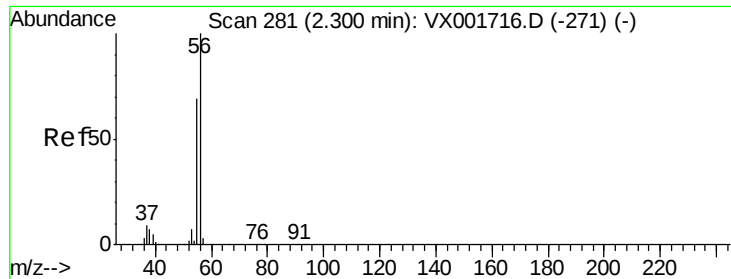
MMDadoda
5/16/2018 11:54:13 AM



#12
1,1-Dichloroethene
Concen: 50.27 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	96	Resp	150218
Ion Ratio	100	Lower	Upper
61	153.9	122.2	183.2
98	61.9	51.4	77.0





#13

Acrolein

Concen: 257.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 56 Resp: 131613

Ion Ratio Lower Upper

56 100

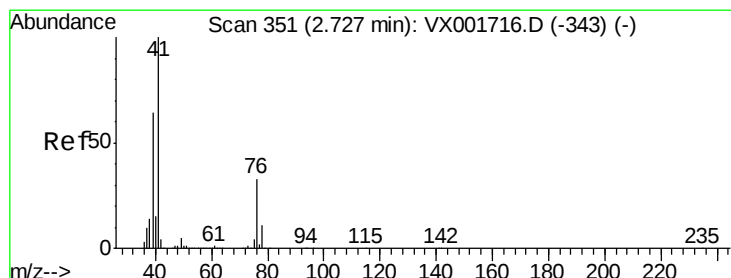
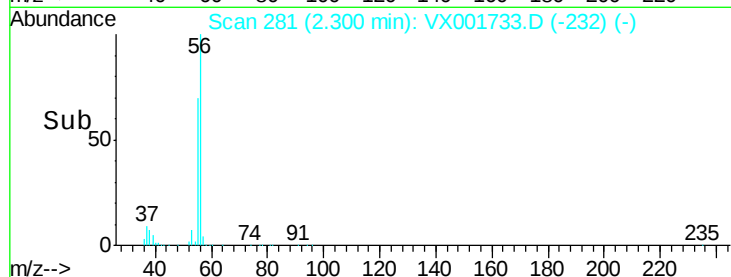
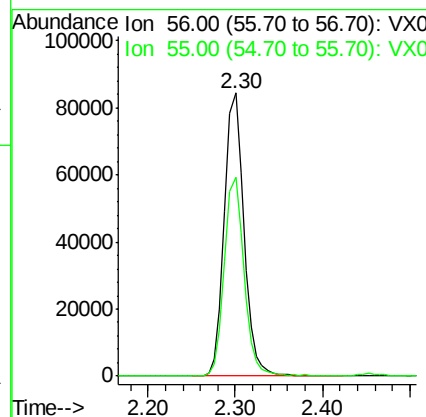
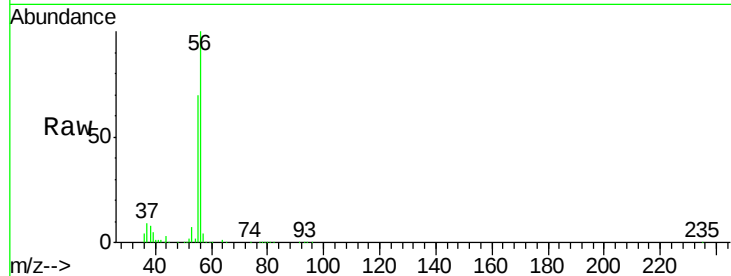
55 70.6 56.2 84.2

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



#14

Allyl chloride

Concen: 50.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

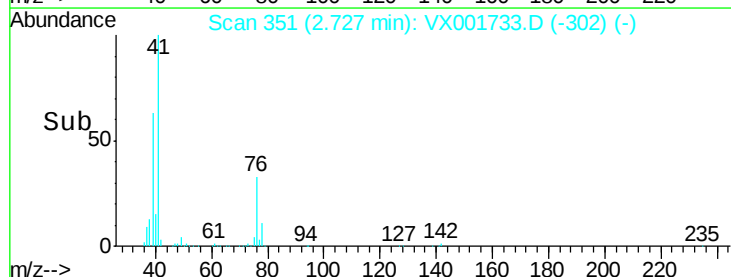
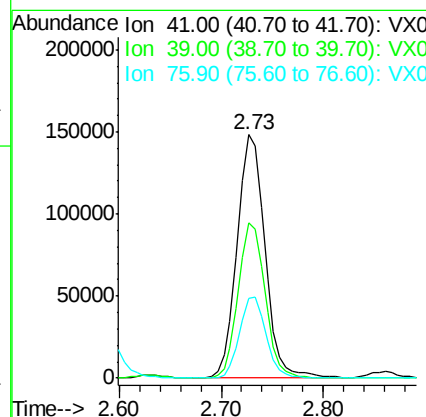
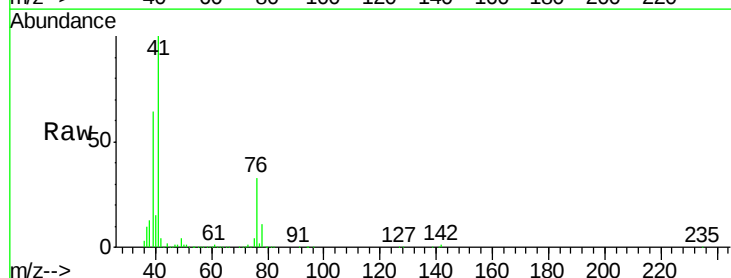
Tgt Ion: 41 Resp: 279677

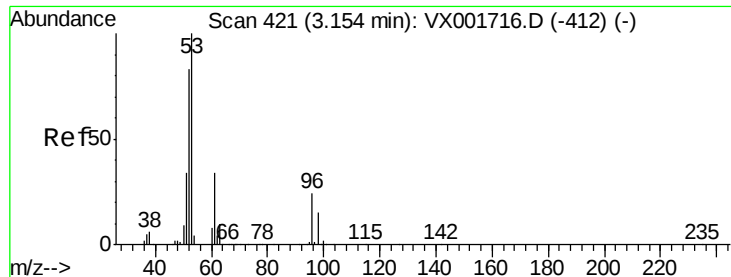
Ion Ratio Lower Upper

41 100

39 61.6 49.8 74.6

76 31.8 25.8 38.8





#15

Acrylonitrile

Concen: 257.53 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

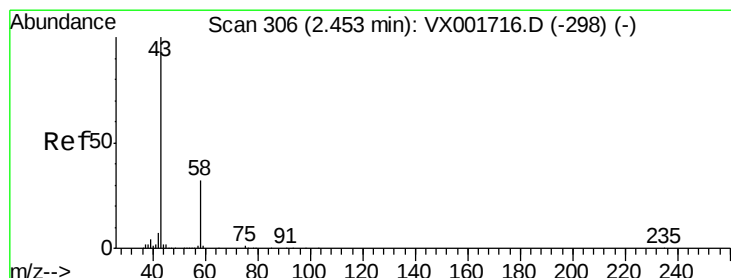
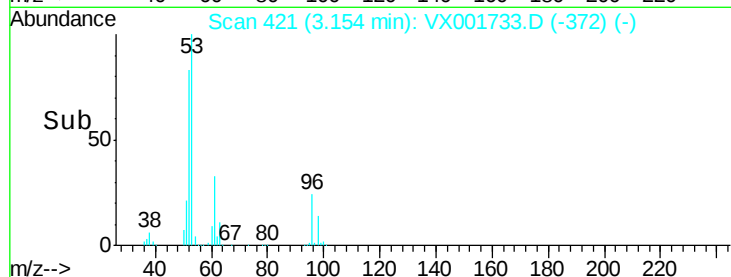
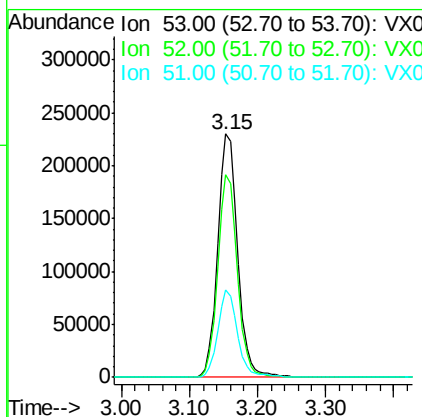
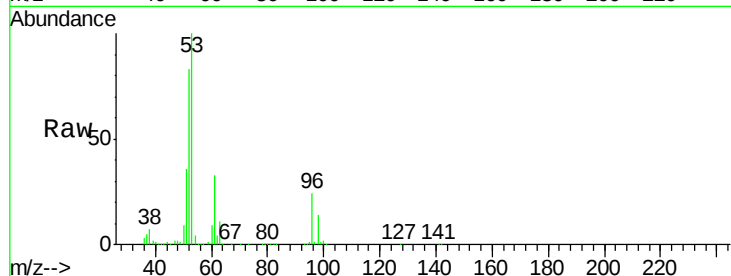
ClientSampleId :

MW-03MSD

Tot Ion:	53	Resp:	465339
Ion	Ratio	Lower	Upper
53	100		
52	81.9	65.6	98.4
51	35.5	28.1	42.1

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#16

Acetone

Concen: 245.32 ug/l

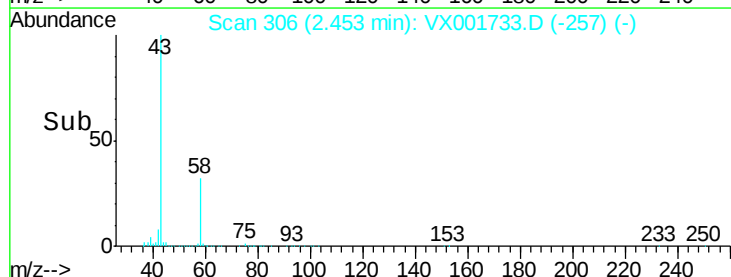
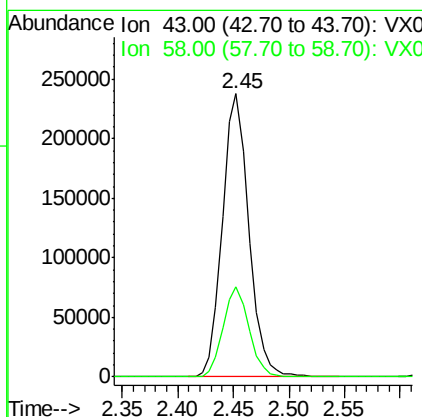
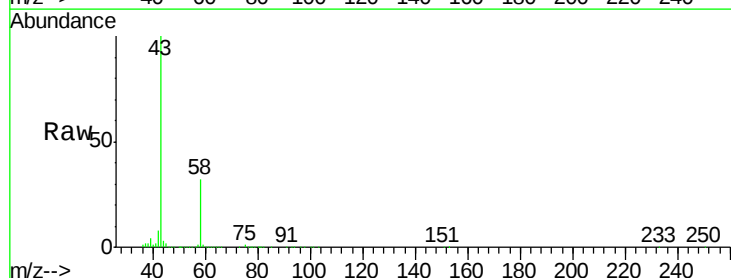
RT: 2.45 min Scan# 306

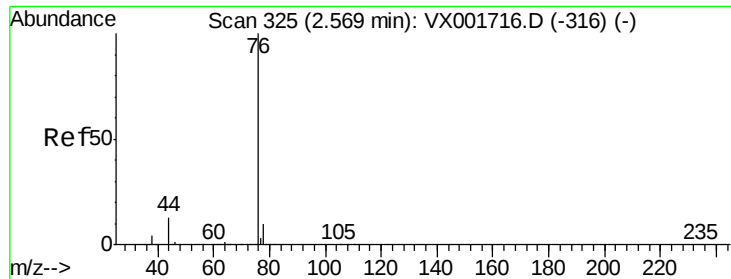
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	43	Resp:	390438
Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.3	37.9





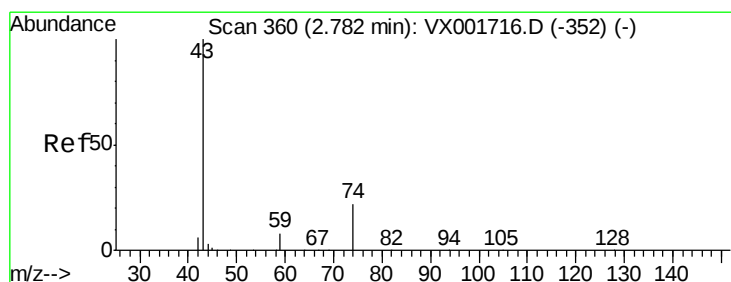
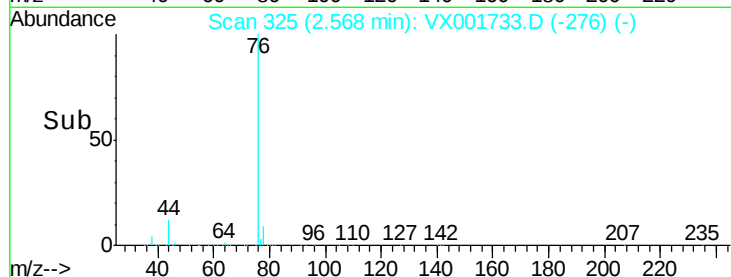
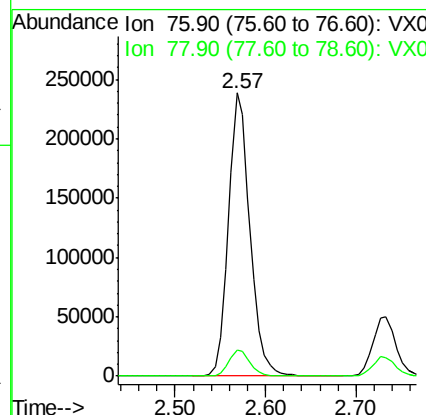
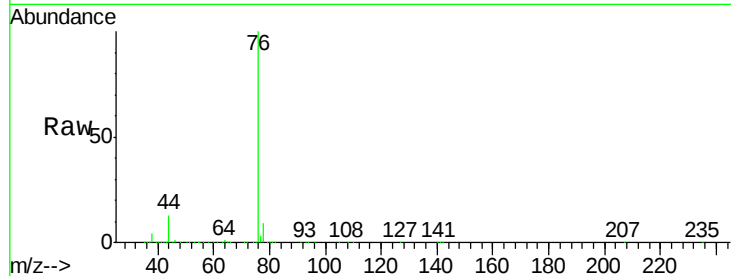
#17
Carbon Disulfide
Concen: 50.34 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampled :
MW-03MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4

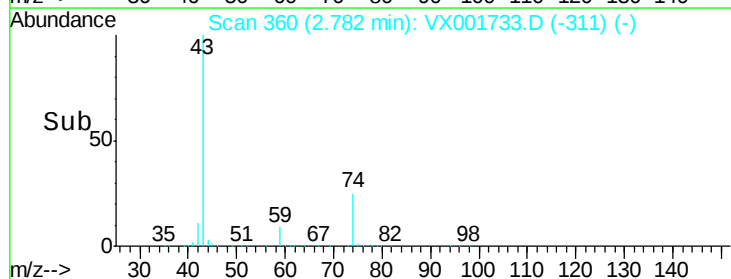
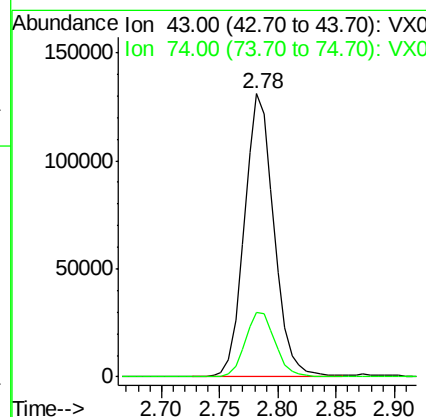
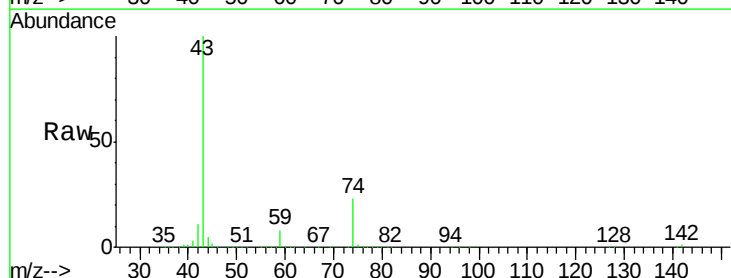
Manual Integrations
APPROVED

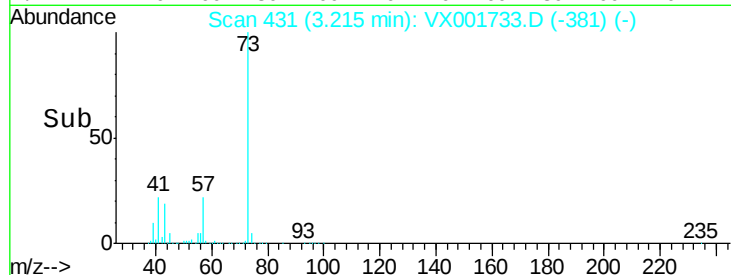
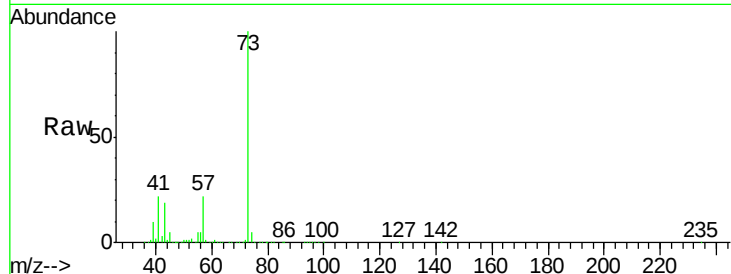
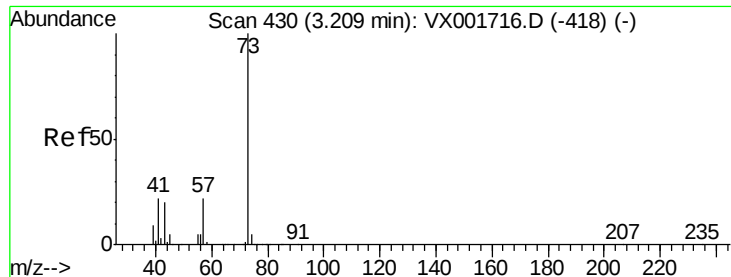
MMDadoda
5/16/2018 11:54:13 AM



#18
Methyl Acetate
Concen: 49.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	18.2	27.2





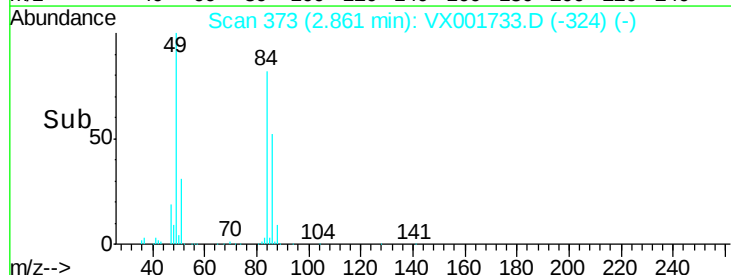
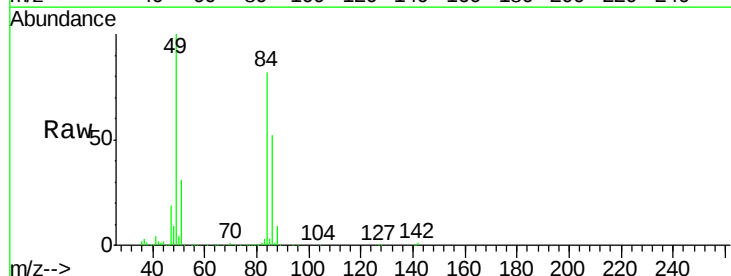
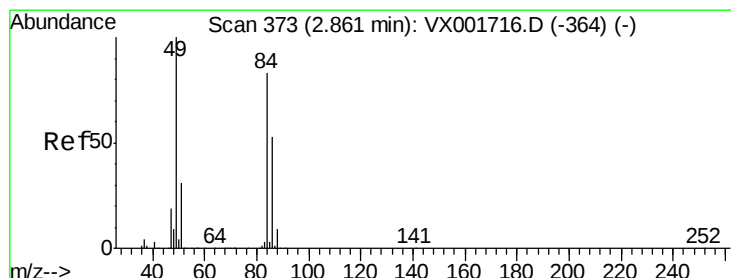
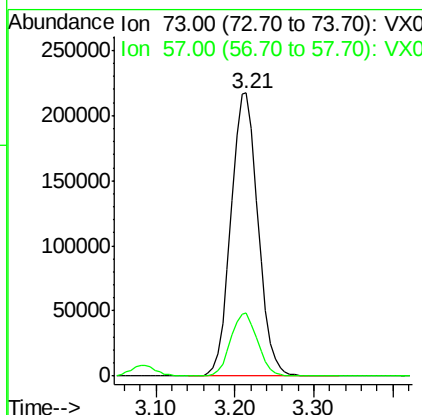
#19
Methvl tert-butvl Ether
Concen: 51.59 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

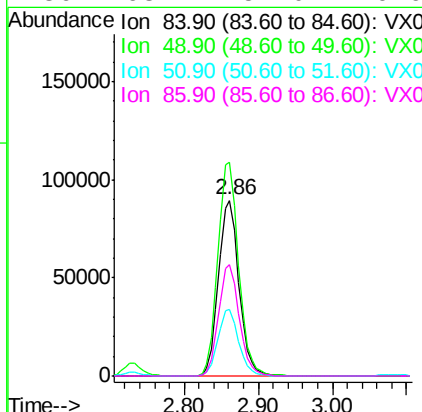
Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#20
Methylene Chloride
Concen: 50.25 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.5	96.3	144.5
51	37.7	29.8	44.6
86	63.7	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 50.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

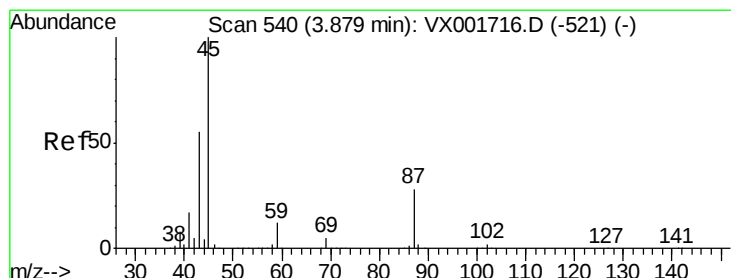
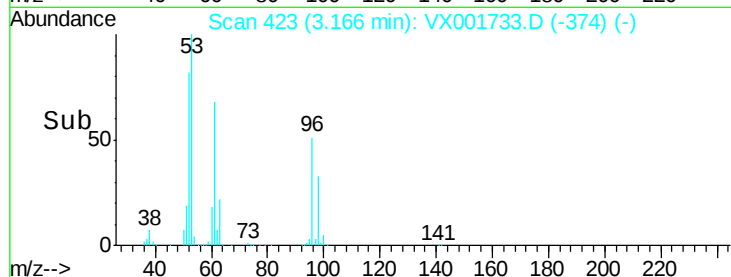
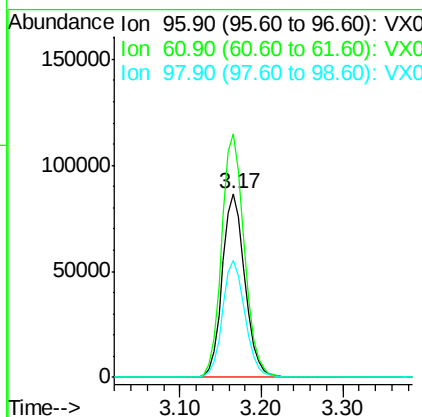
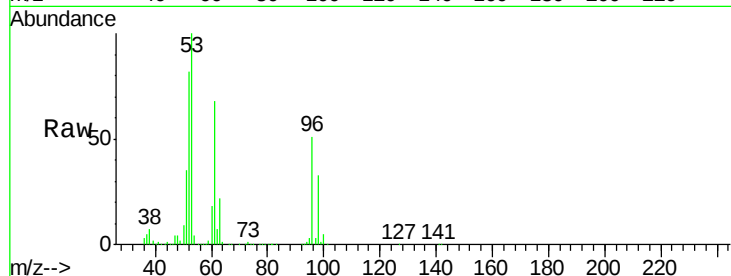
ClientSampleId :

MW-03MSD

Tot Ion:	96	Resp:	165687
Ion	Ratio	Lower	Upper
96	100		
61	132.6	105.8	158.8
98	64.1	50.2	75.4

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#22

Diisopropyl ether

Concen: 51.37 ug/l

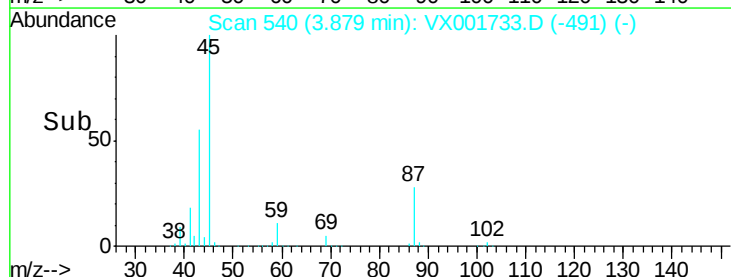
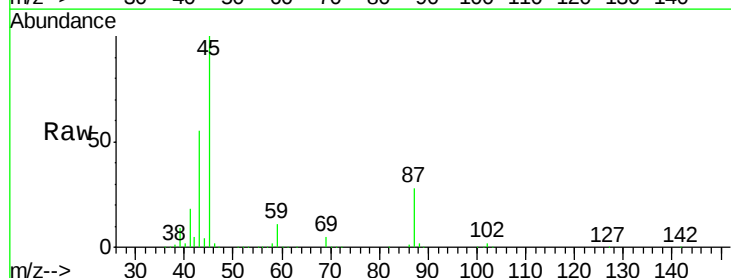
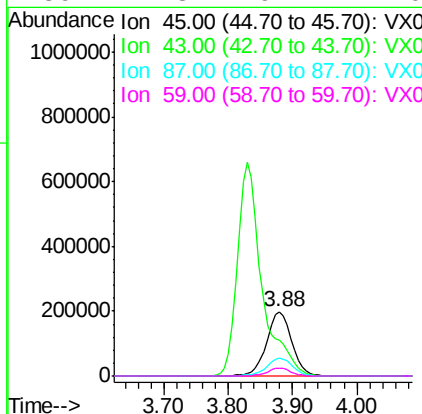
RT: 3.88 min Scan# 540

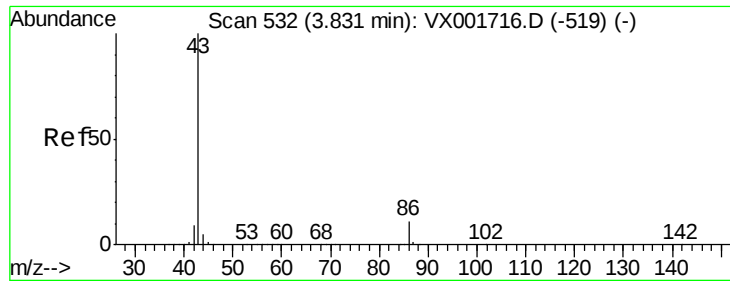
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	45	Resp:	544264
Ion	Ratio	Lower	Upper
45	100		
43	54.5	44.3	66.5
87	28.2	22.6	33.8
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 229.06 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampled :

MW-03MSD

Tot Ion: 43 Resp: 1748551

Ion Ratio Lower Upper

43 100

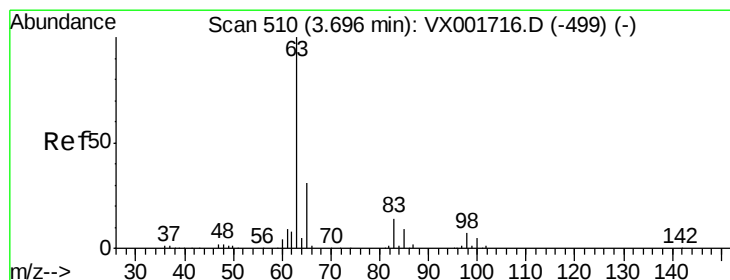
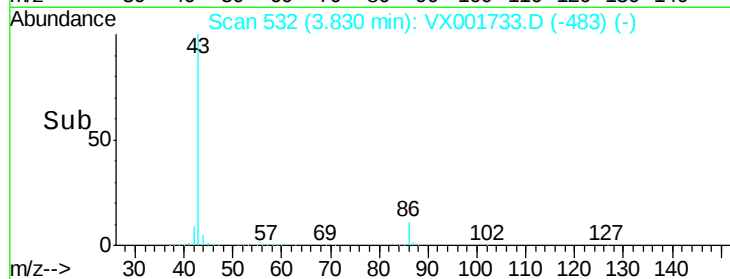
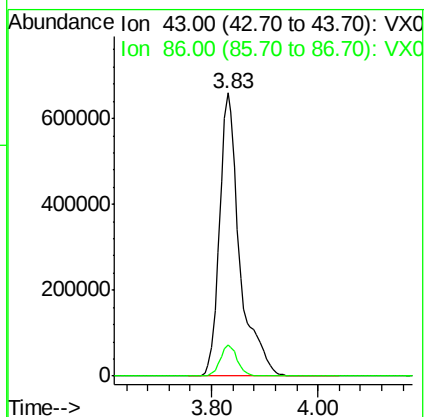
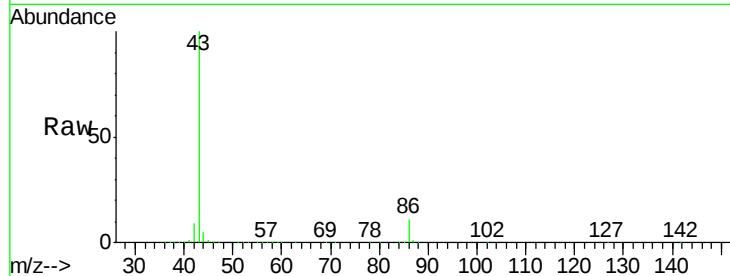
86 10.9 8.7 13.1

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



#24

1,1-Dichloroethane

Concen: 50.43 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

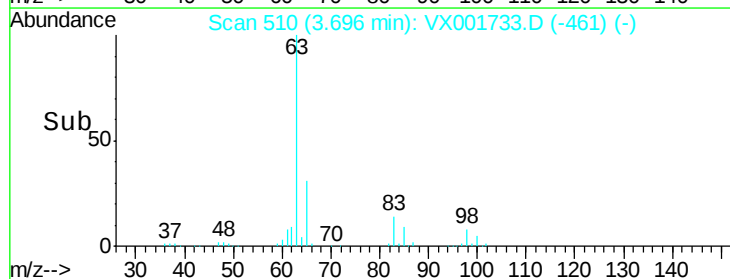
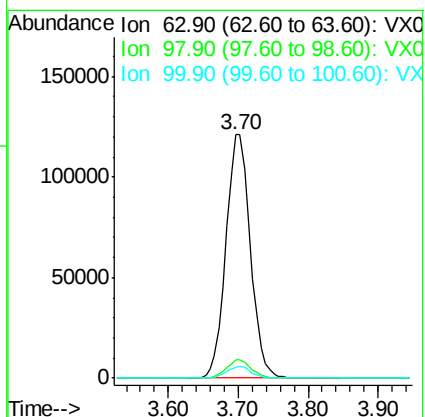
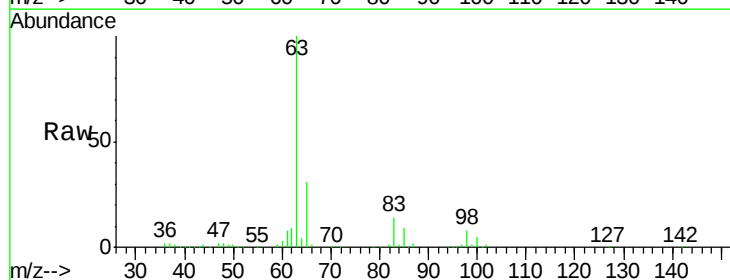
Tgt Ion: 63 Resp: 293049

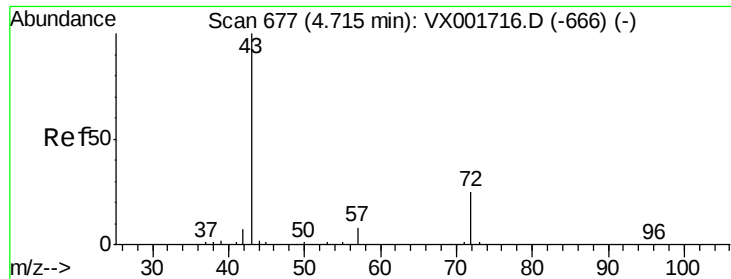
Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 260.43 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tot Ion: 43 Resp: 634567

Ion Ratio Lower Upper

43 100

72 26.0 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

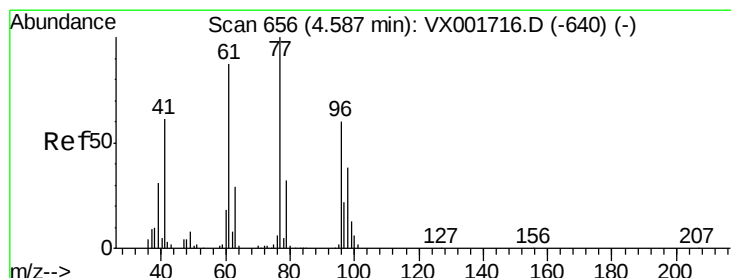
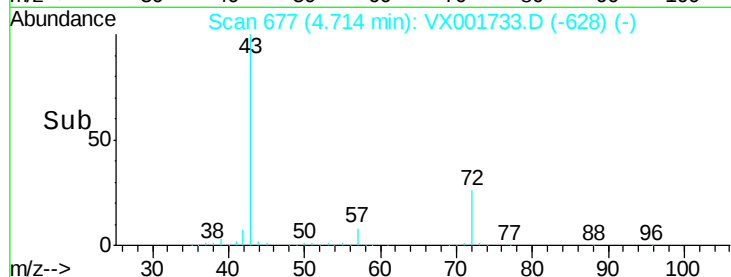
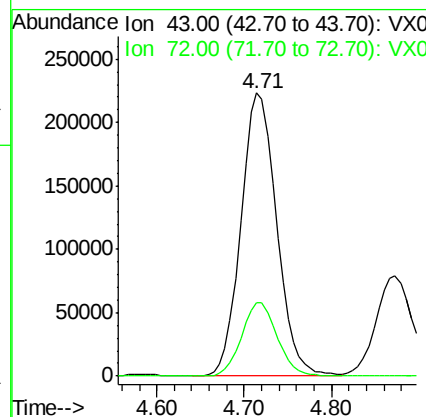
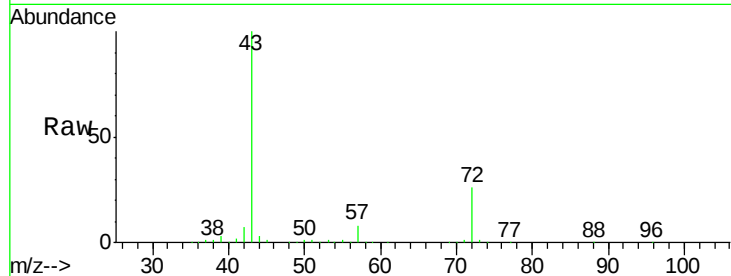
MW-03MSD

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



#26

2,2-Dichloropropane

Concen: 40.63 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX001733.D

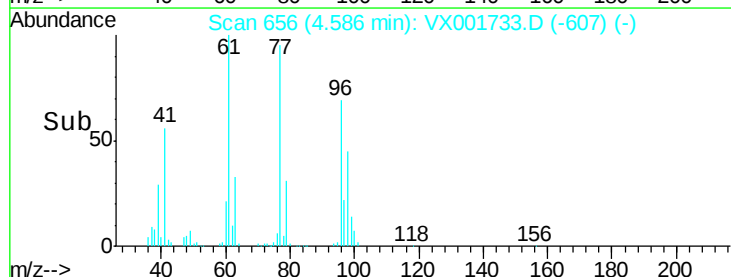
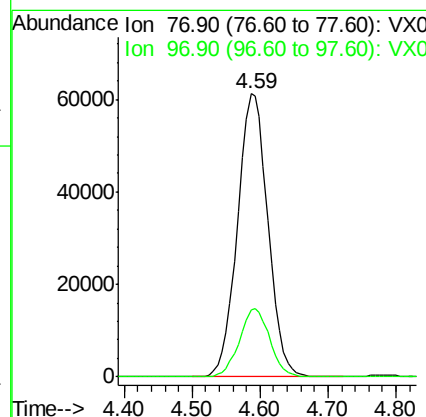
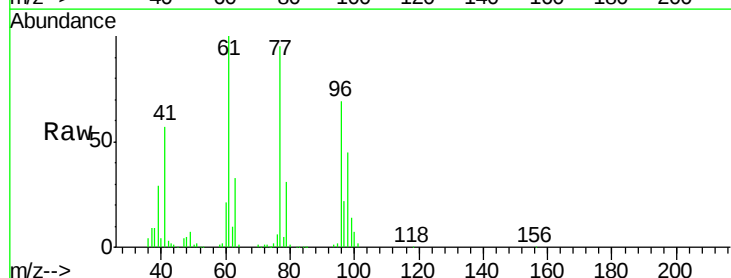
Acq: 15 May 2018 02:16

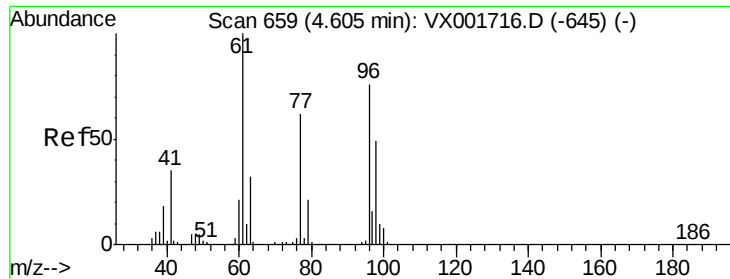
Tgt Ion: 77 Resp: 190058

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.8





#27

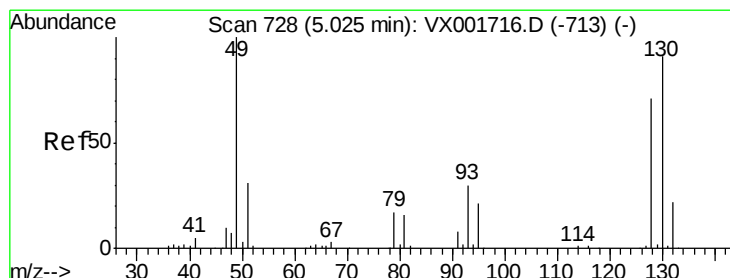
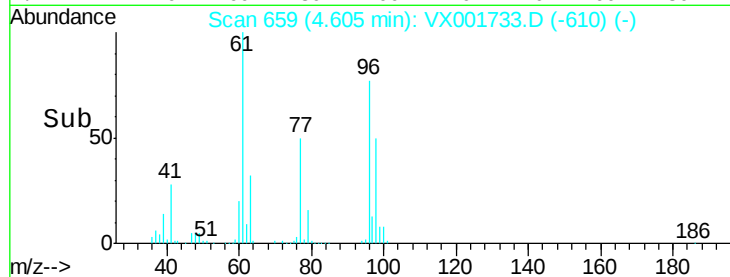
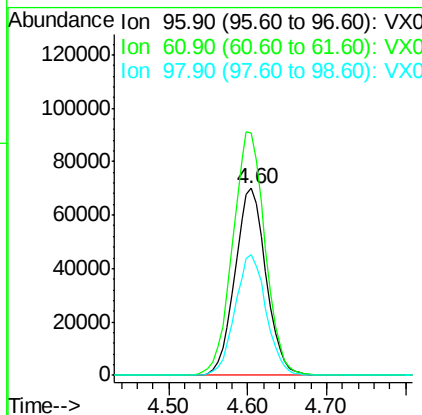
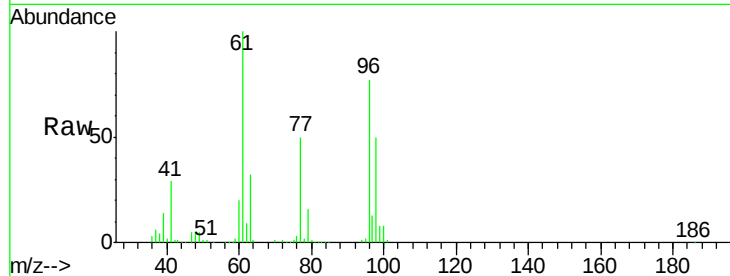
cis-1,2-Dichloroethene
 Concen: 51.29 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	192098		
61	135.5	0.0	280.4	
98	64.6	0.0	128.4	

Manual Integrations
 APPROVED

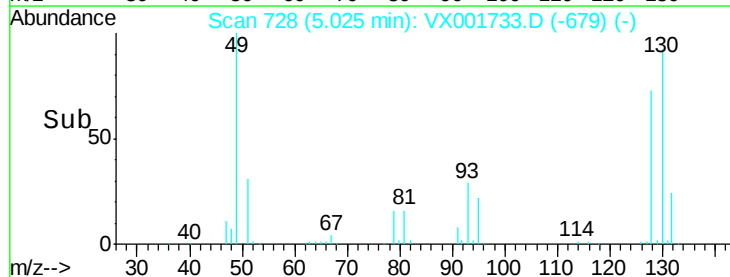
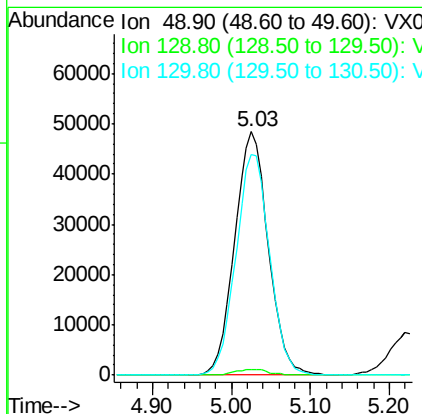
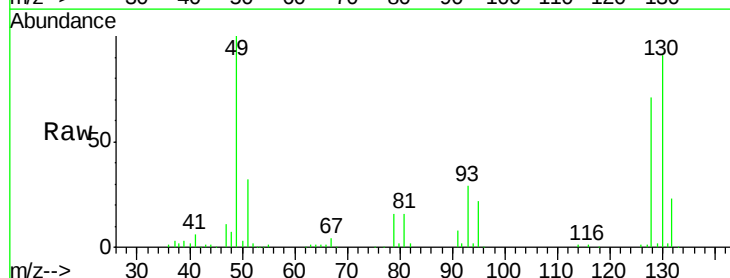
MMDadoda
 5/16/2018 11:54:13 AM

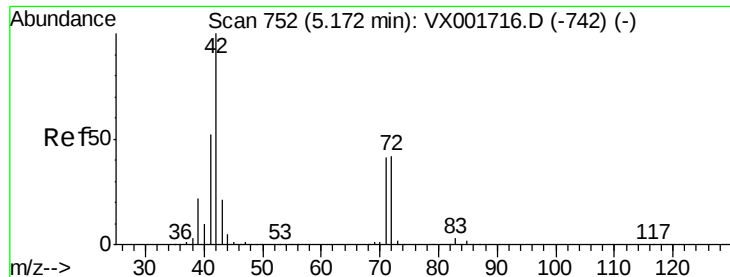


#28

Bromochloromethane
 Concen: 55.70 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	143779		
129	2.4	0.0	5.0	
130	91.1	71.8	107.6	





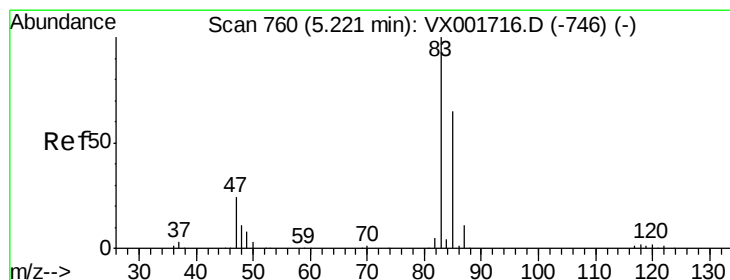
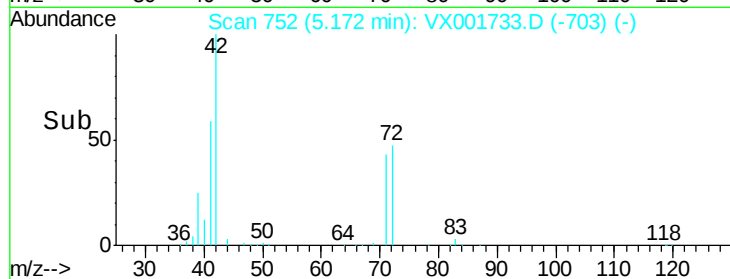
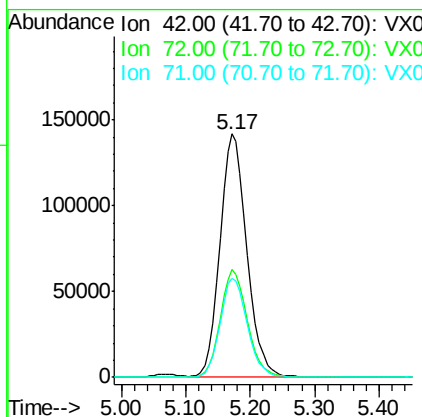
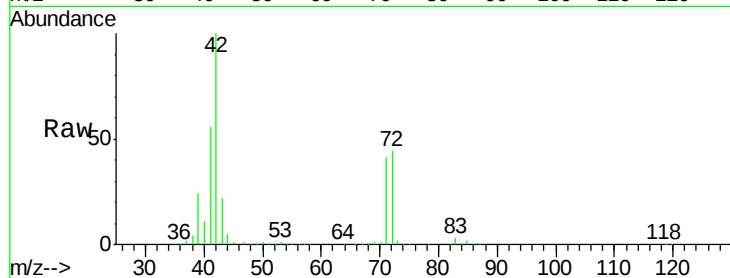
#29
Tetrahydrofuran
Concen: 261.41 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.4	53.2
71	41.4	33.2	49.8

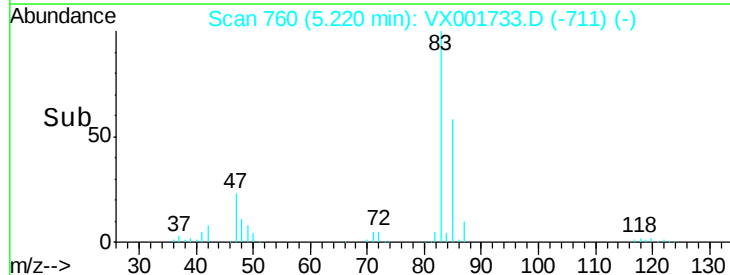
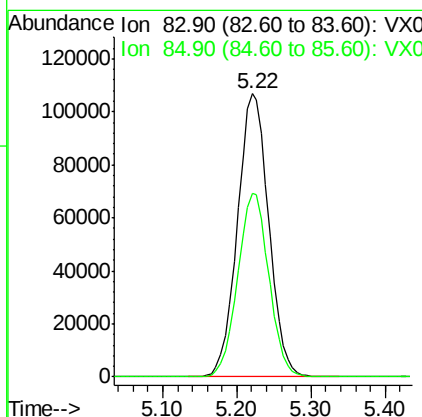
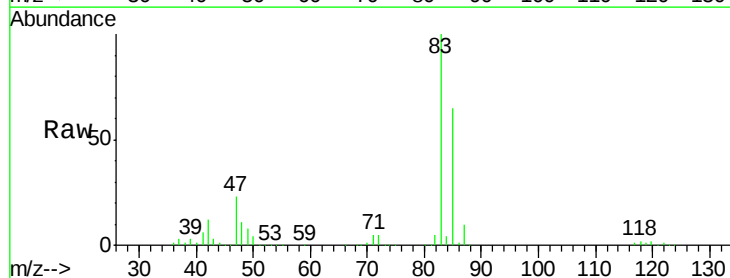
Manual Integrations
APPROVED

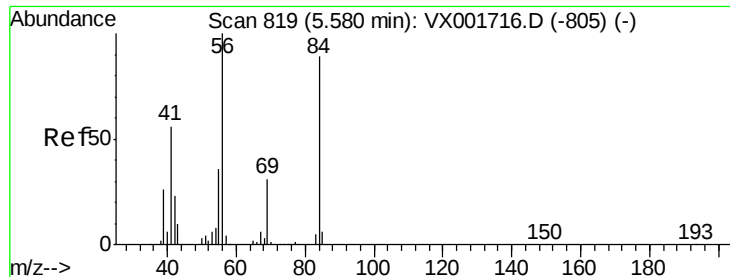
MMDadoda
5/16/2018 11:54:13 AM



#30
Chloroform
Concen: 51.55 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5





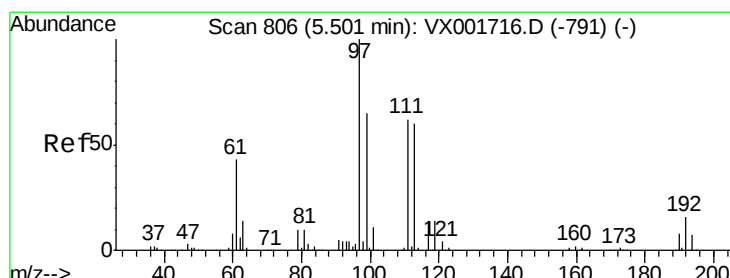
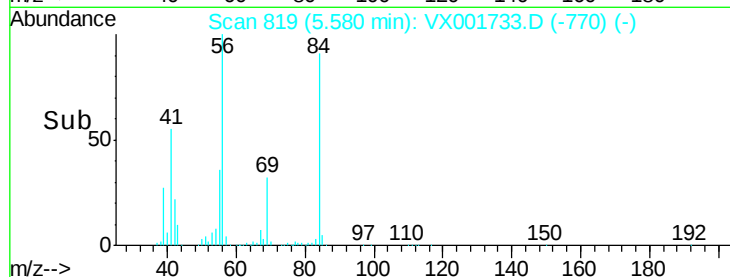
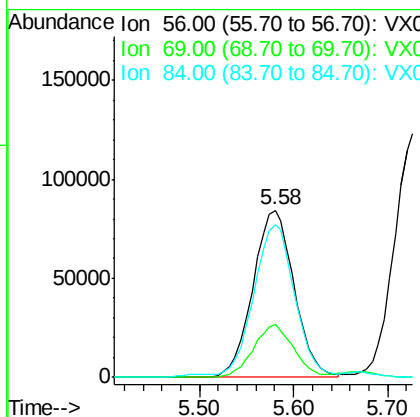
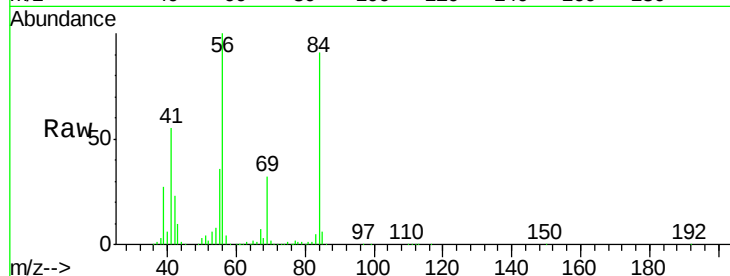
#31
Cyclohexane
Concen: 50.65 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.0	37.6
84	89.7	71.0	106.4

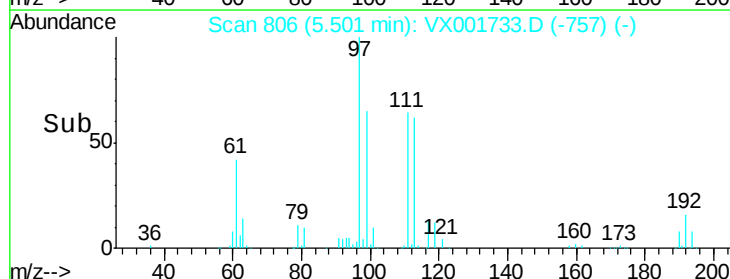
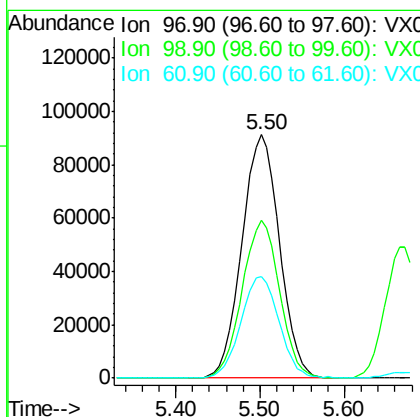
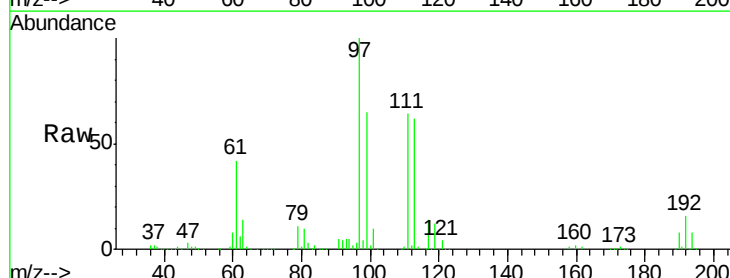
Manual Integrations
APPROVED

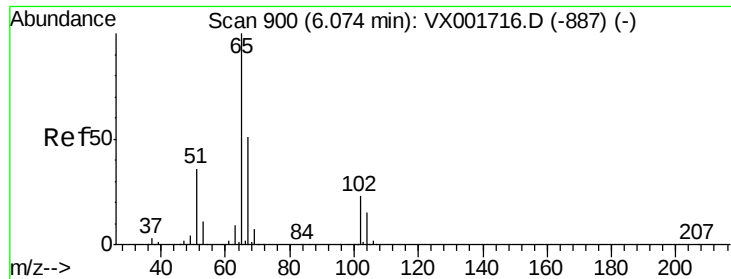
MMDadoda
5/16/2018 11:54:13 AM



#32
1,1,1-Trichloroethane
Concen: 52.40 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	42.4	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 51.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 65 Resp: 207551

Ion Ratio Lower Upper

65 100

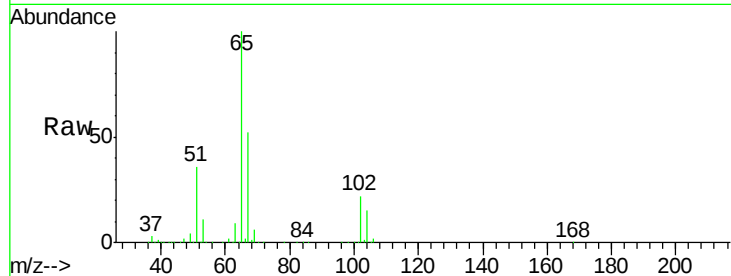
67 52.2 0.0 102.8

Manual Integrations

APPROVED

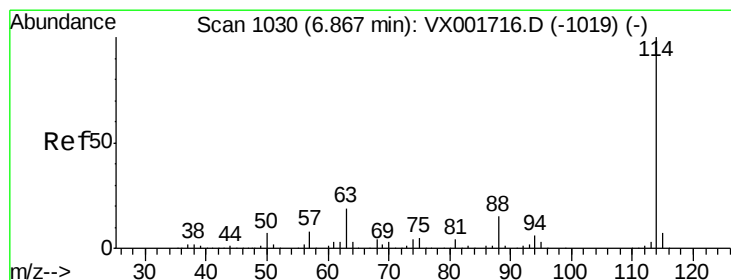
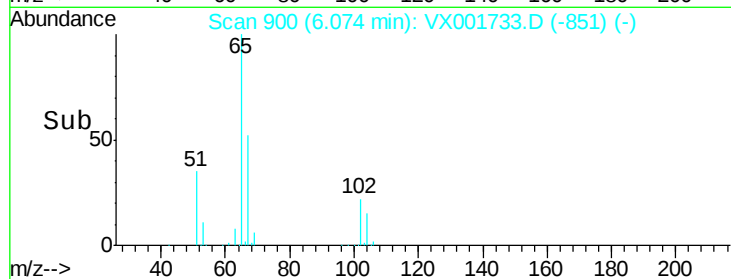
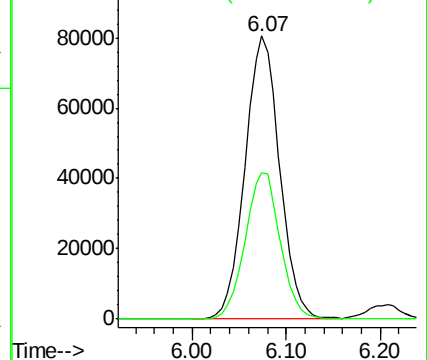
MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

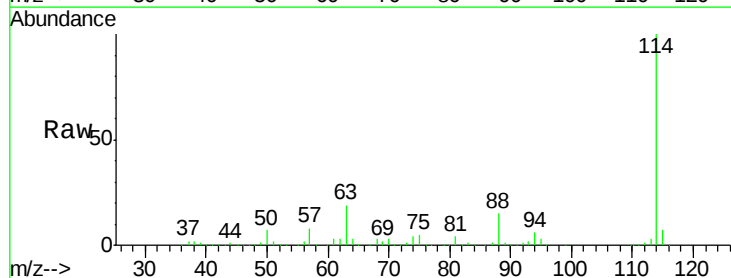
Tgt Ion: 114 Resp: 409681

Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.0

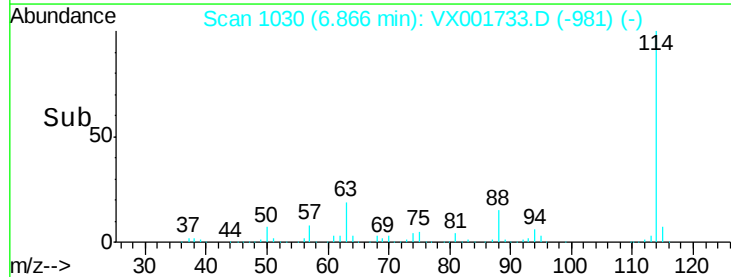
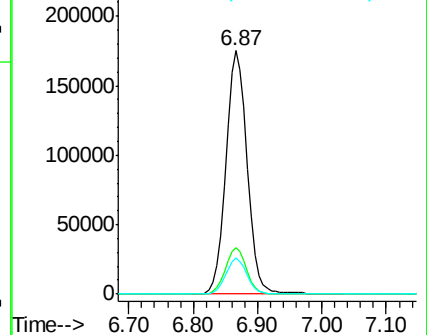
88 14.9 0.0 29.8

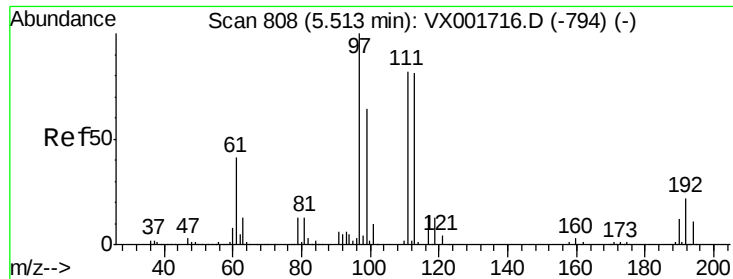


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





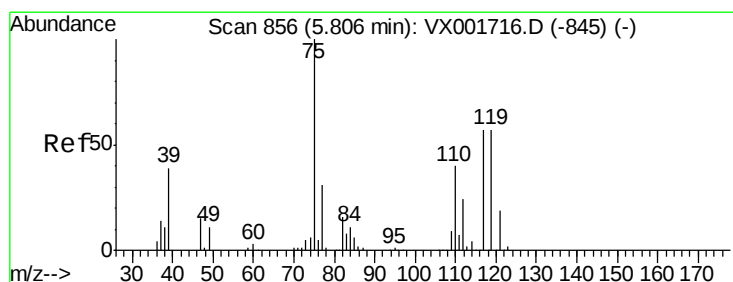
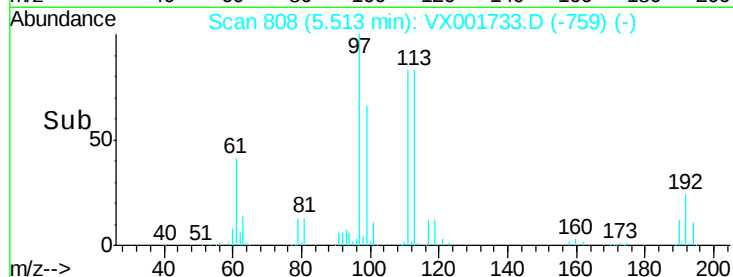
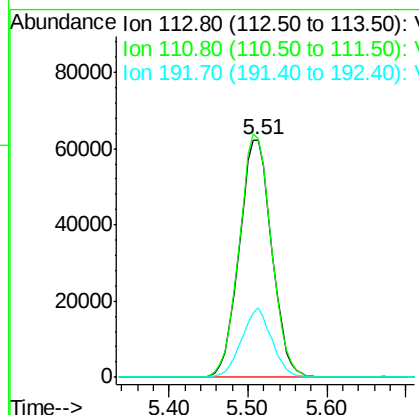
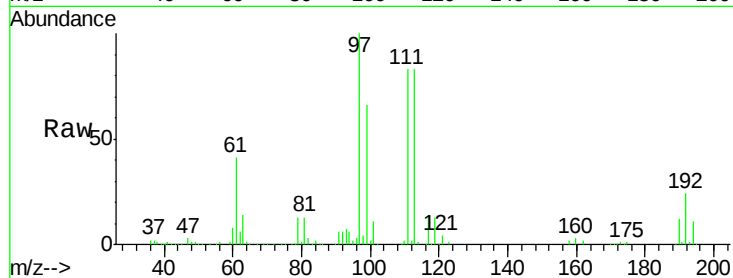
#35
 Dibromofluoromethane
 Concen: 51.66 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178591		
111	101.5	82.0	123.0	
192	27.2	21.6	32.4	

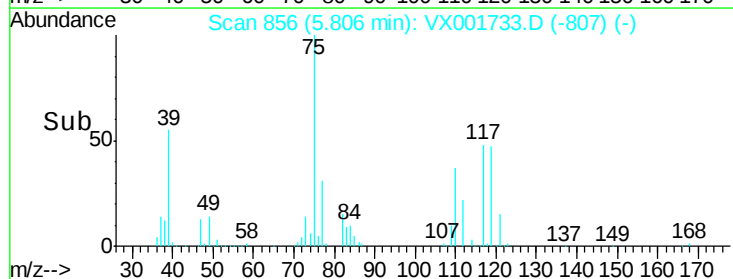
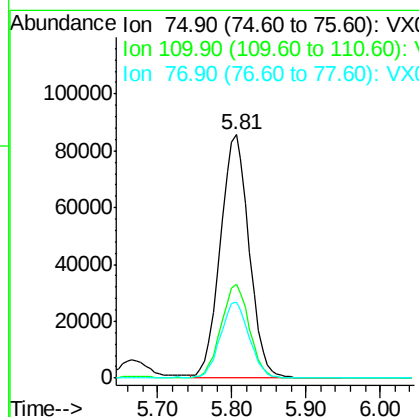
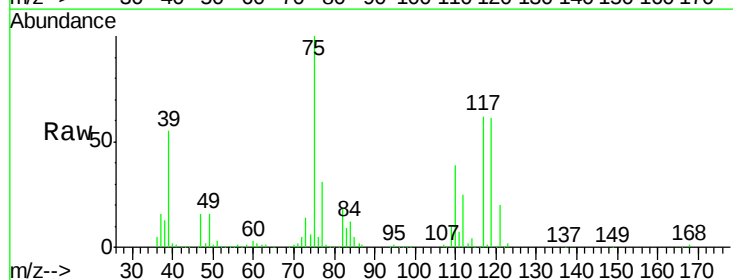
Manual Integrations
 APPROVED

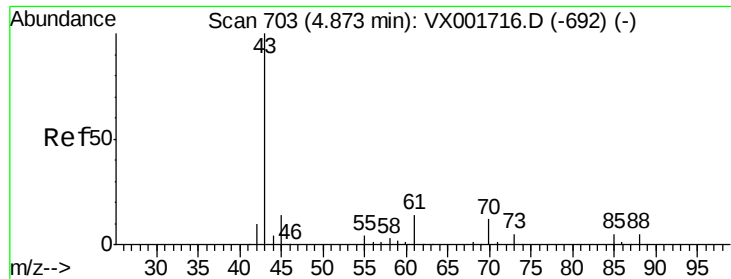
MMDadoda
 5/16/2018 11:54:13 AM



#36
 1,1-Dichloropropene
 Concen: 48.56 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229033		
110	38.2	19.1	57.1	
77	31.1	24.6	37.0	





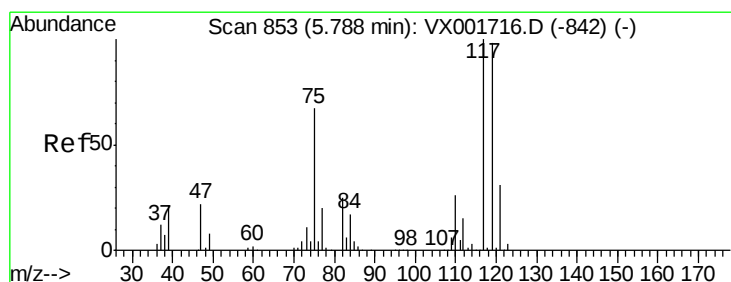
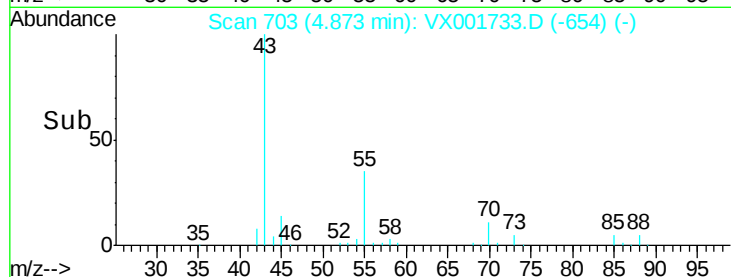
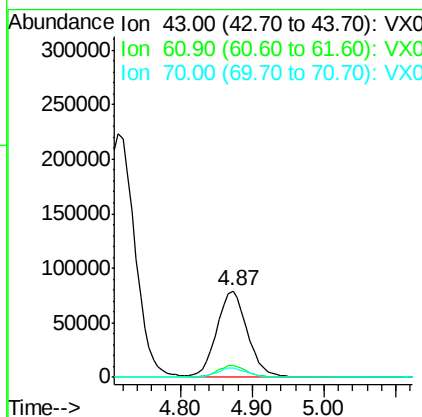
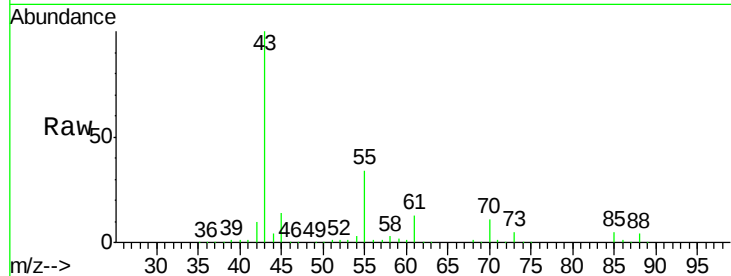
#37
Ethyl Acetate
Concen: 47.41 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.8	8.8	13.2

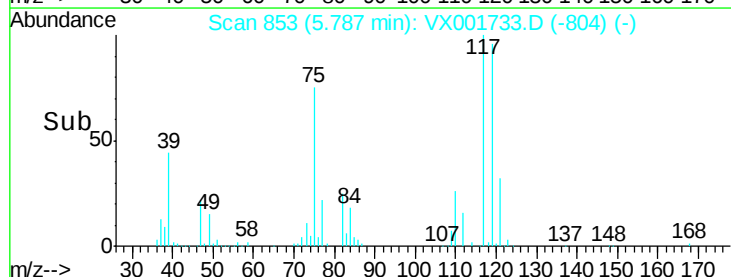
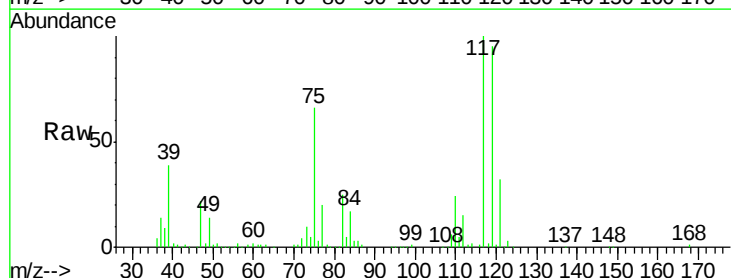
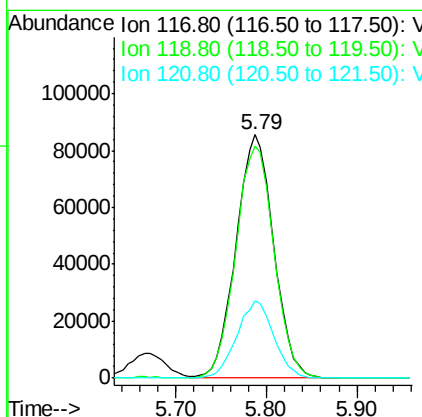
Manual Integrations
APPROVED

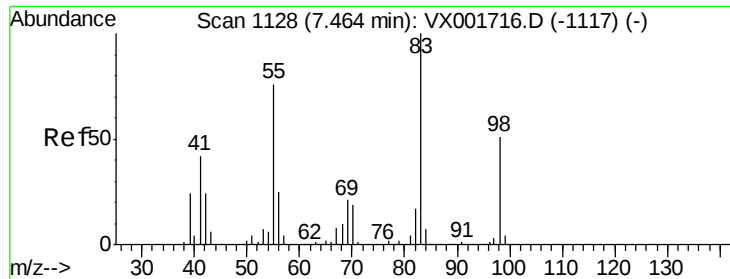
MMDadoda
5/16/2018 11:54:13 AM



#38
Carbon Tetrachloride
Concen: 49.69 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	77.6	116.4
121	32.0	24.6	36.8





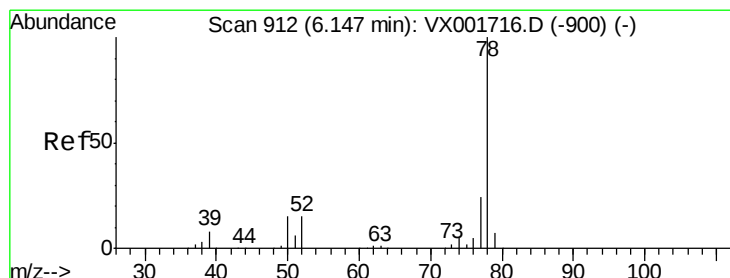
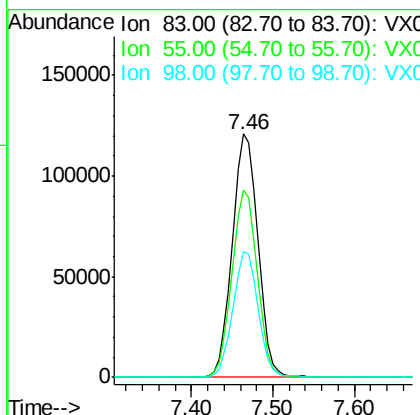
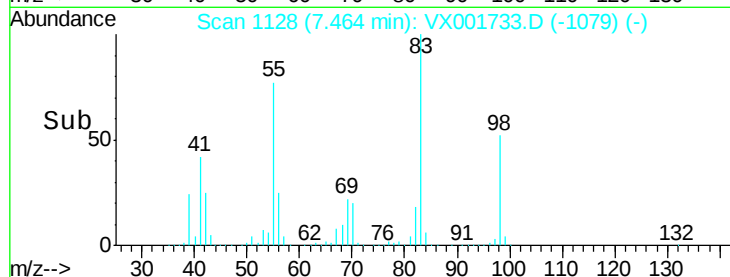
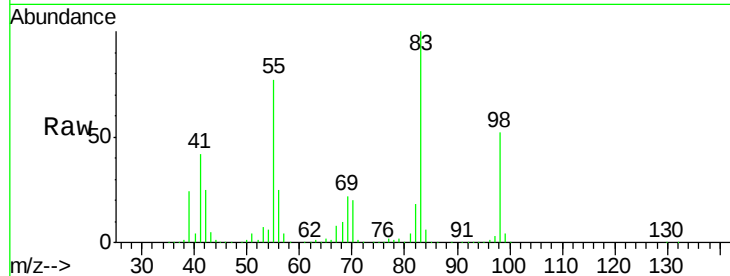
#39
Methvlcvclohexane
Concen: 47.48 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	261625		
55	77.1		60.6	90.8
98	51.5		40.4	60.6

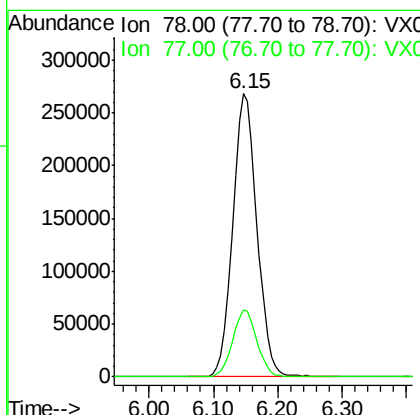
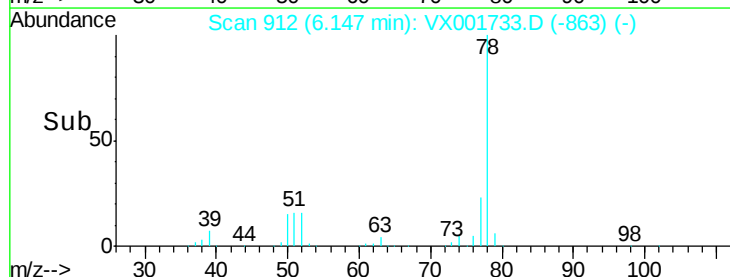
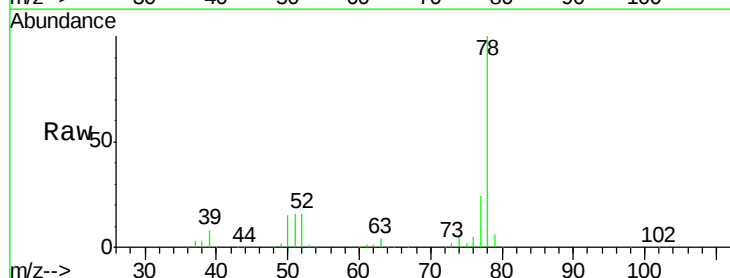
Manual Integrations
APPROVED

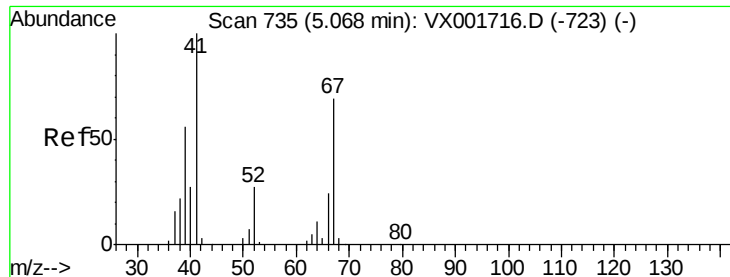
MMDadoda
5/16/2018 11:54:13 AM



#40
Benzene
Concen: 50.58 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	702767		
77	23.6		19.0	28.4





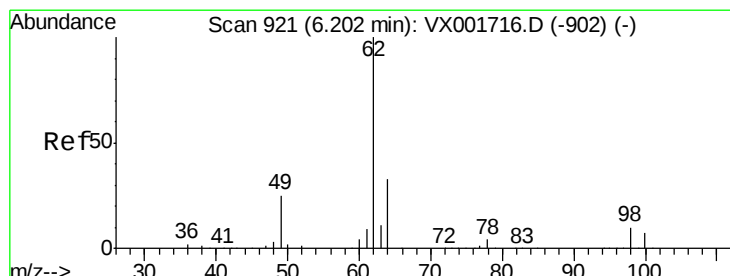
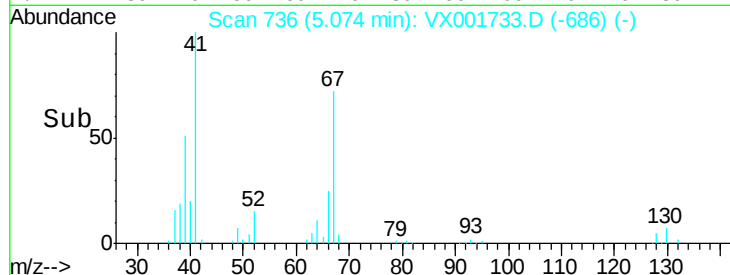
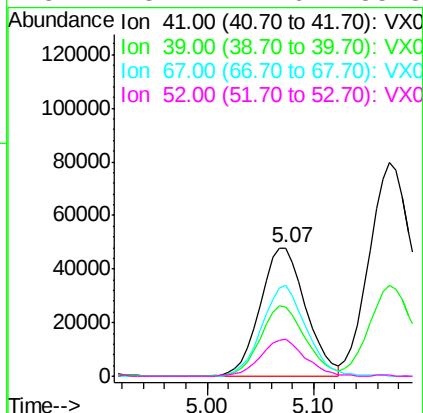
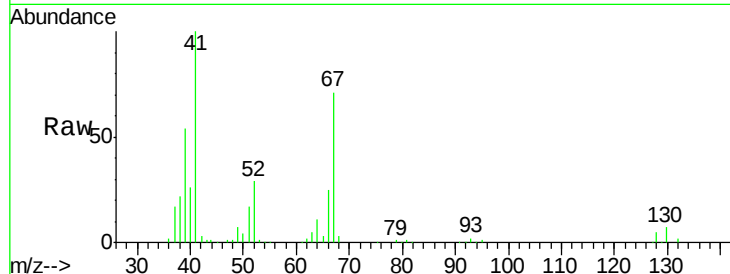
#41
Methacrylonitrile
Concen: 50.28 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	54.0	44.2	66.4		
67	69.0	56.0	84.0		
52	28.1	22.6	33.8		

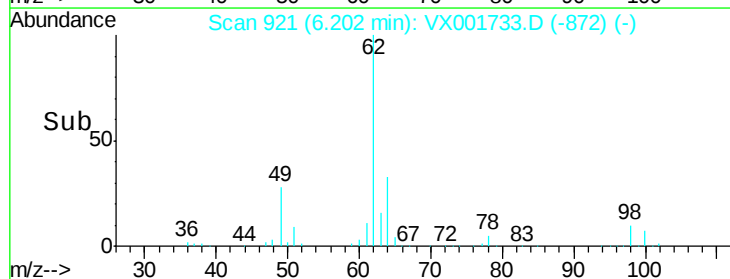
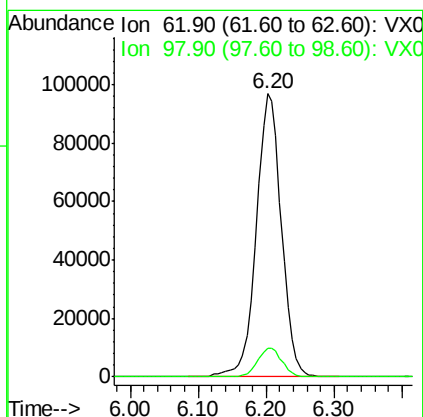
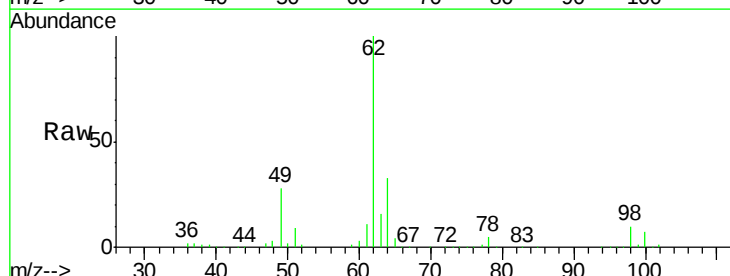
Manual Integrations
APPROVED

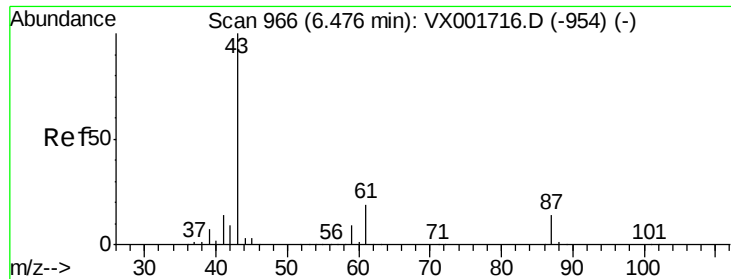
MMDadoda
5/16/2018 11:54:13 AM



#42
1,2-Dichloroethane
Concen: 49.53 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.1	0.0	20.0		





#43

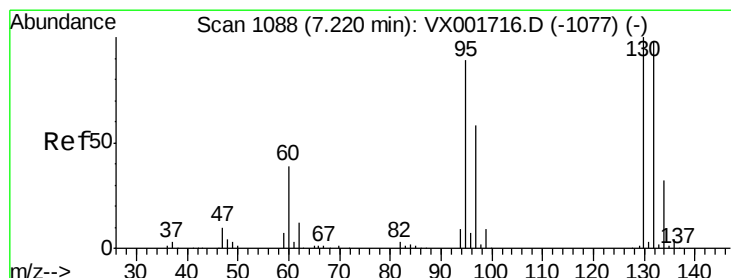
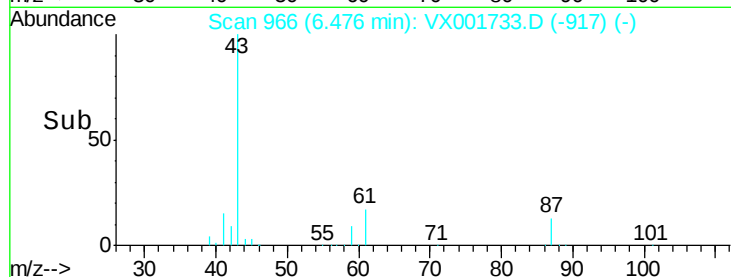
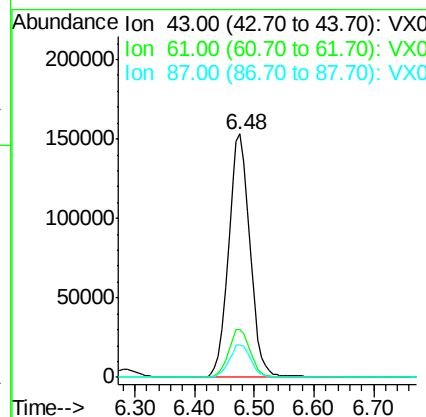
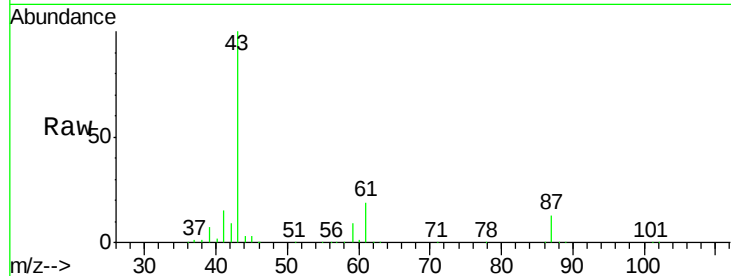
Isopropyl Acetate
 Concen: 49.44 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.8	23.8
87	13.7	11.0	16.4

Manual Integrations
 APPROVED

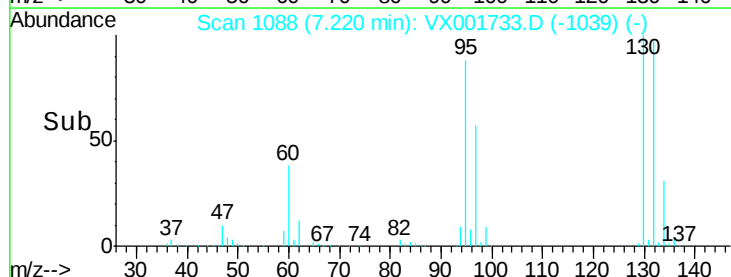
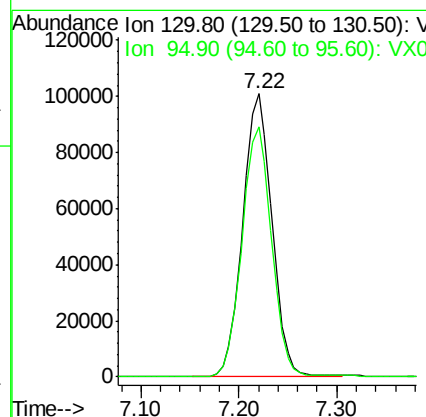
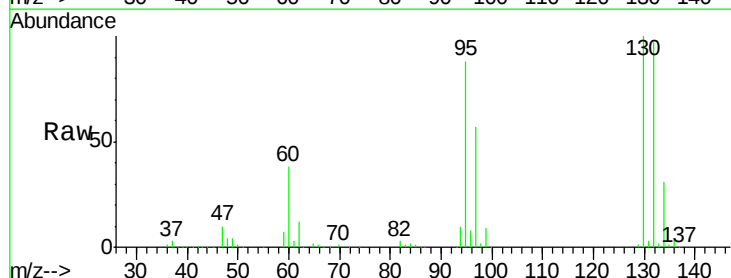
MMDadoda
 5/16/2018 11:54:13 AM

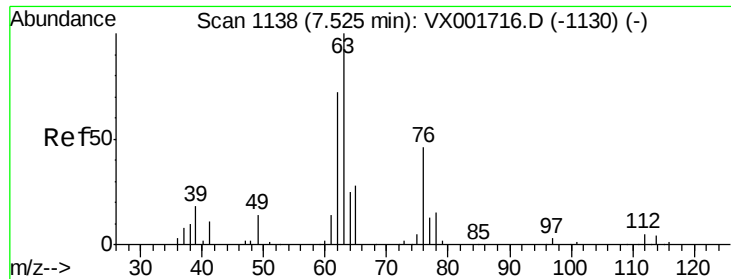


#44

Trichloroethene
 Concen: 48.79 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.4	0.0	177.2





#45

1,2-Dichloropropane

Concen: 50.85 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 63 Resp: 173372

Ion Ratio Lower Upper

63 100

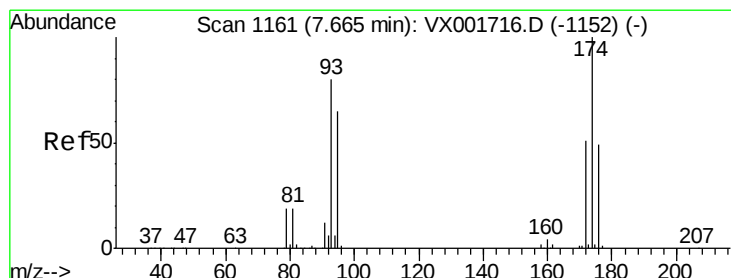
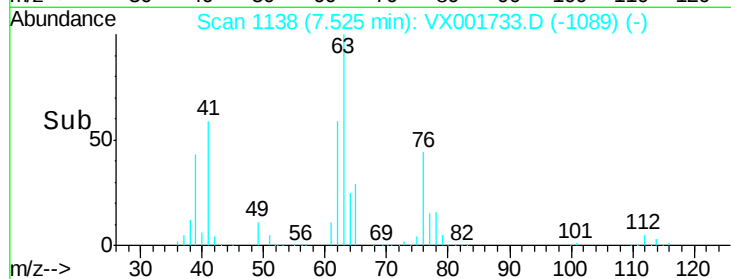
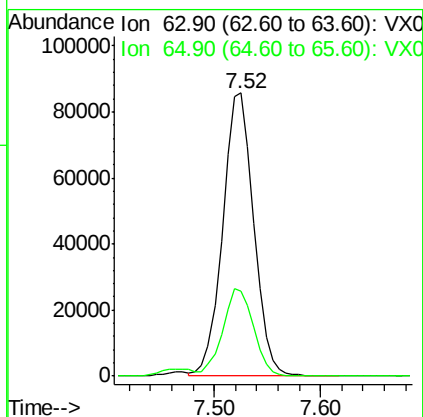
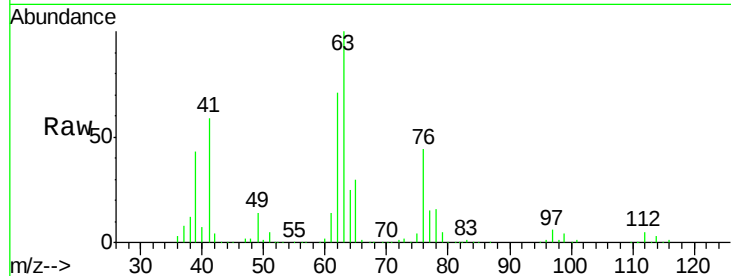
65 30.1 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



#46

Dibromomethane

Concen: 50.19 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

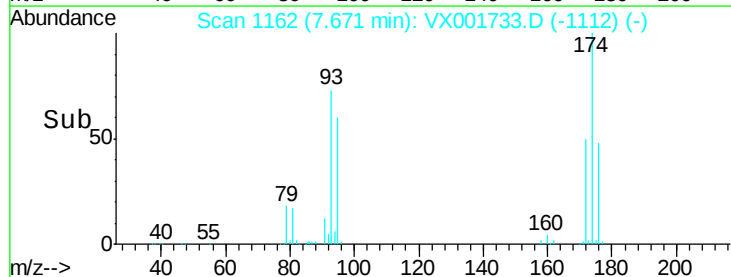
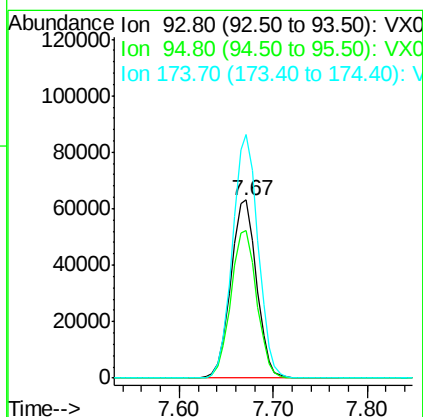
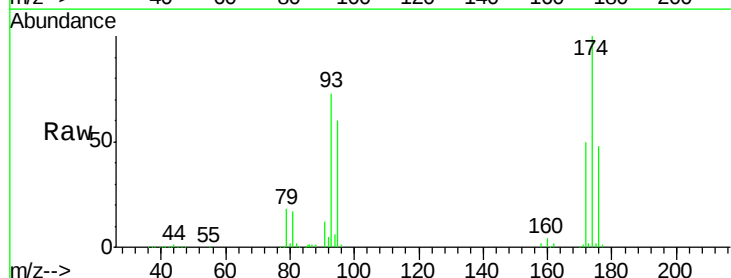
Tgt Ion: 93 Resp: 120153

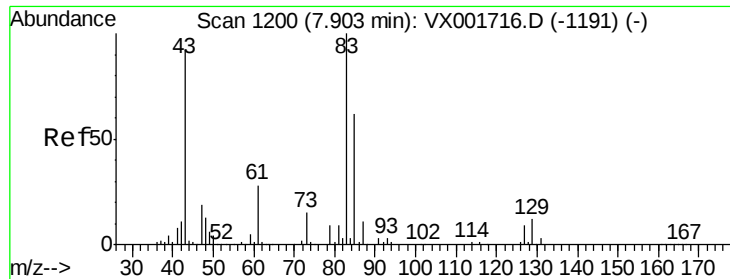
Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 135.6 106.2 159.2





#47

Bromodichloromethane

Concen: 52.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

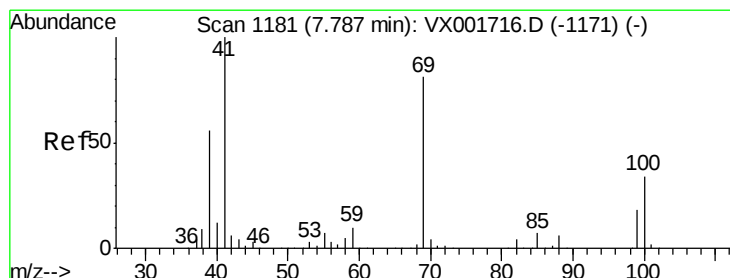
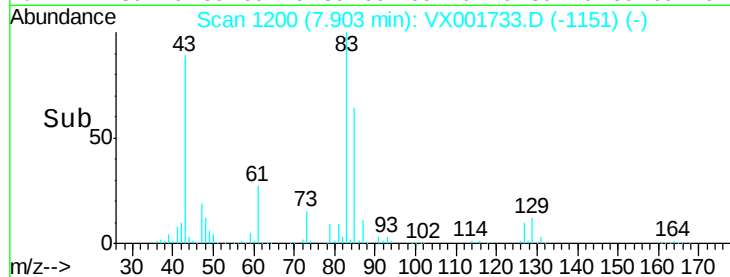
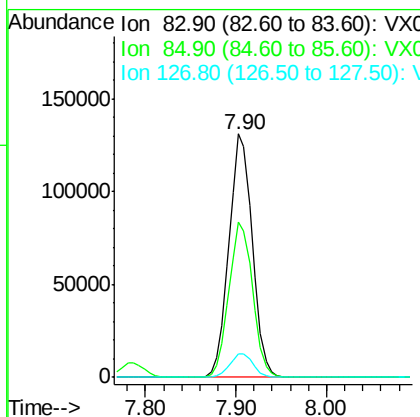
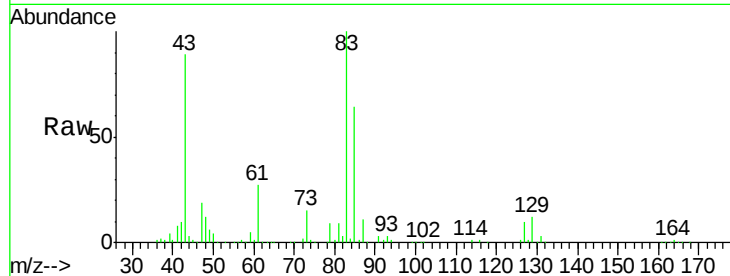
ClientSampleId :

MW-03MSD

Tot Ion:	83	Resp:	234225
Ion Ratio	Lower	Upper	
83	100		
85	63.8	49.6	74.4
127	9.5	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#48

Methyl methacrylate

Concen: 52.60 ug/l

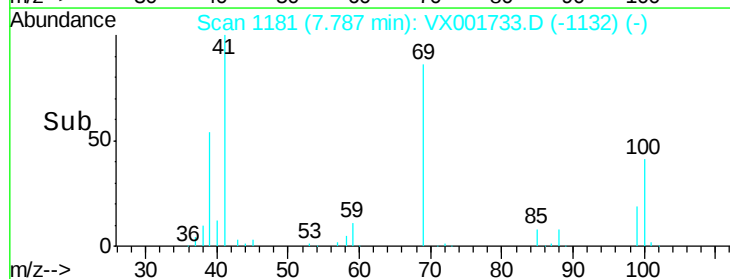
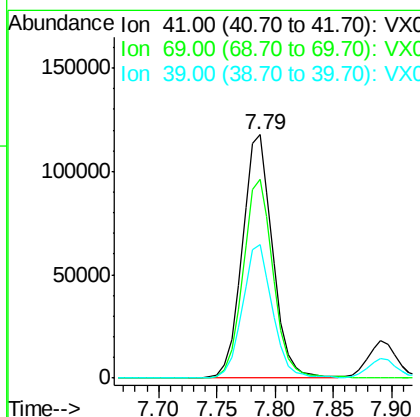
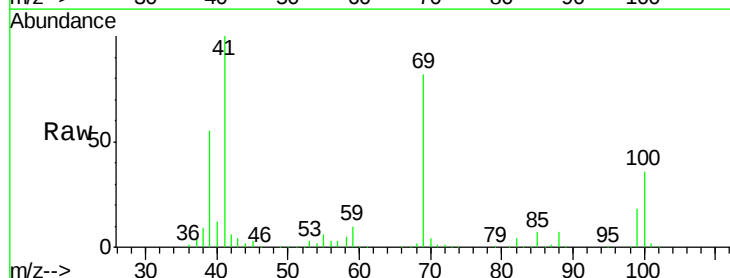
RT: 7.79 min Scan# 1181

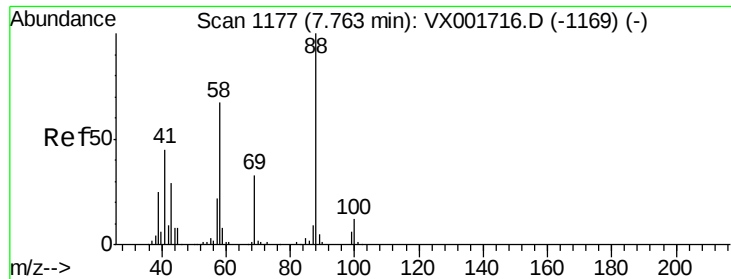
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	41	Resp:	212970
Ion Ratio	Lower	Upper	
41	100		
69	81.9	65.2	97.8
39	54.4	44.5	66.7





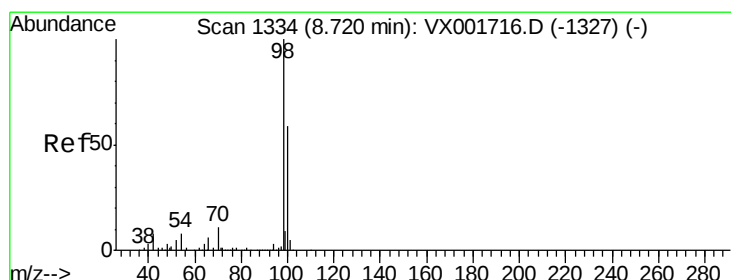
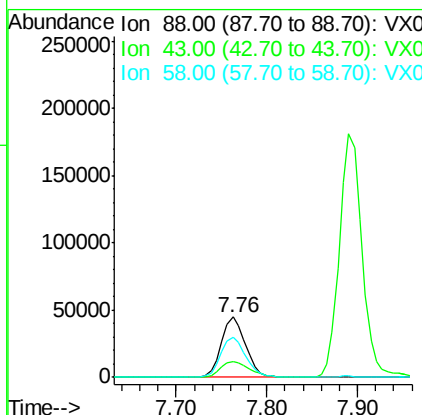
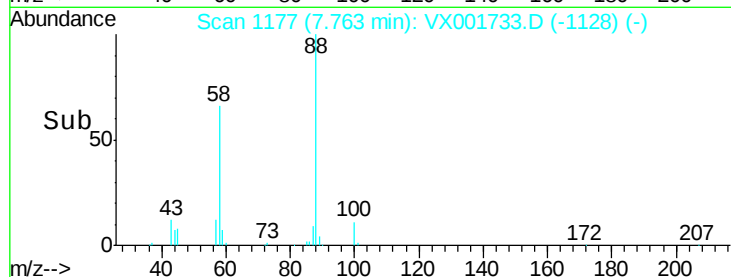
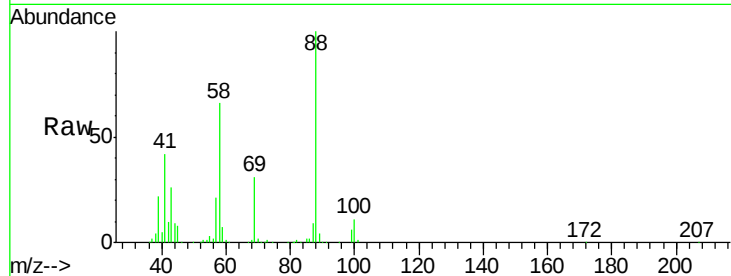
#49
1,4-Dioxane
Concen: 1085.08 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	31.6	27.3	40.9	
58	67.9	55.9	83.9	

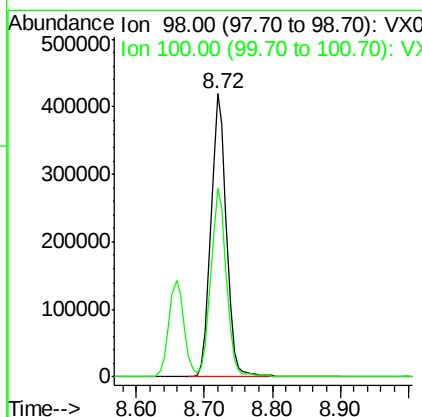
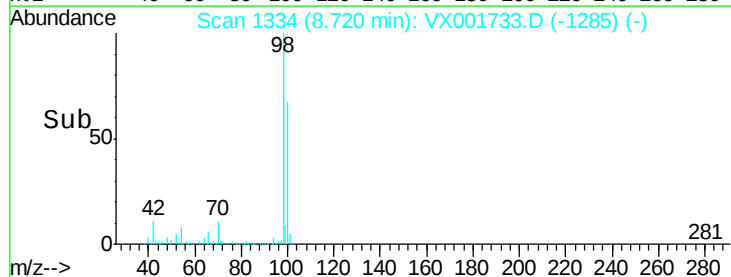
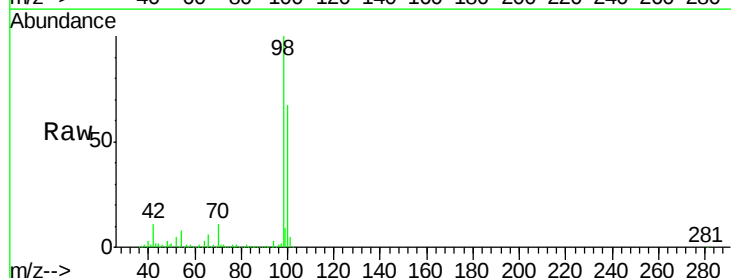
Manual Integrations
APPROVED

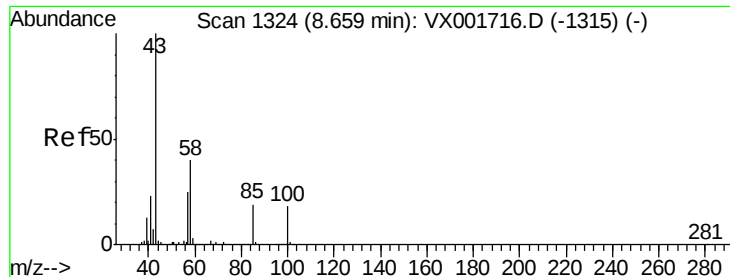
MMDadoda
5/16/2018 11:54:13 AM



#50
Toluene-d8
Concen: 53.53 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	67.0	54.0	81.0	





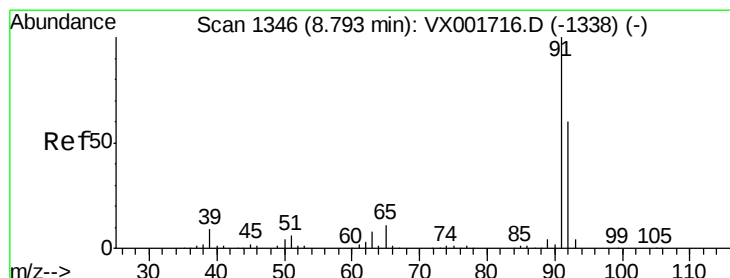
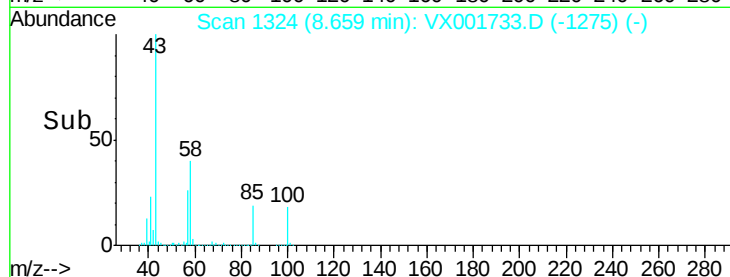
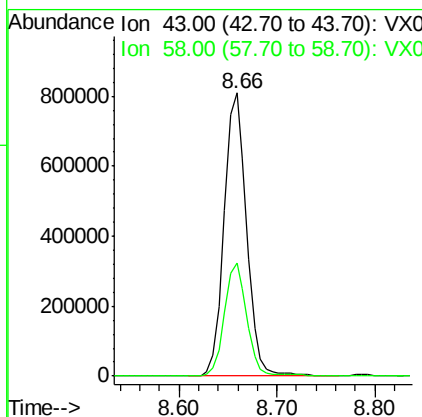
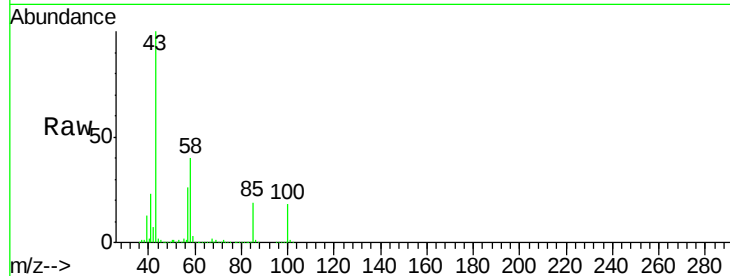
#51
4-Methyl-2-Pentanone
Concen: 265.00 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion: 43 Resp: 1291854
Ion Ratio Lower Upper
43 100
58 39.2 31.4 47.0

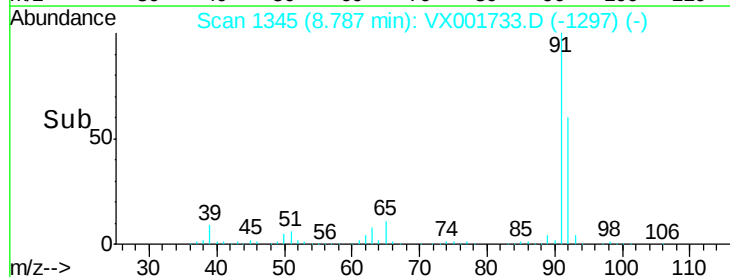
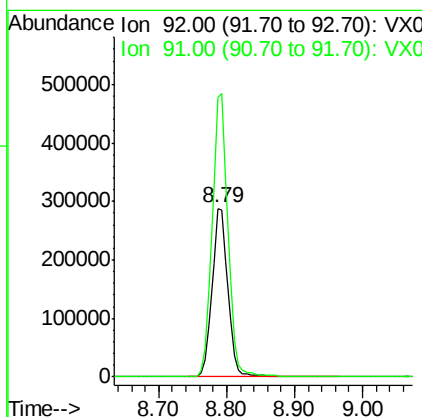
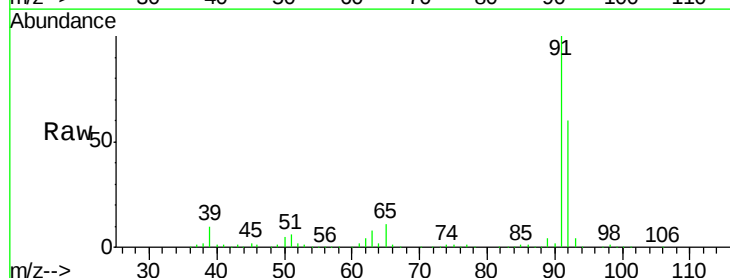
Manual Integrations
APPROVED

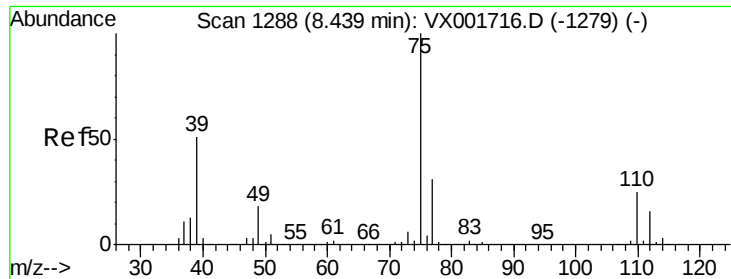
MMDadoda
5/16/2018 11:54:13 AM



#52
Toluene
Concen: 51.93 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 92 Resp: 463701
Ion Ratio Lower Upper
92 100
91 168.3 135.5 203.3





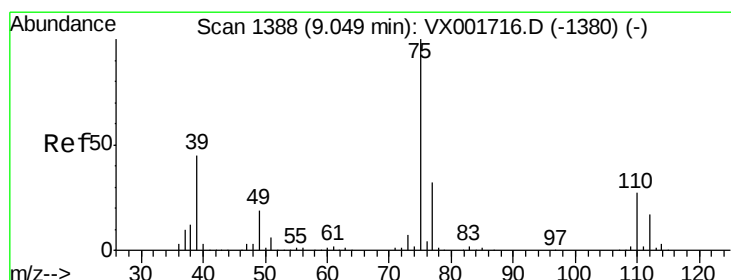
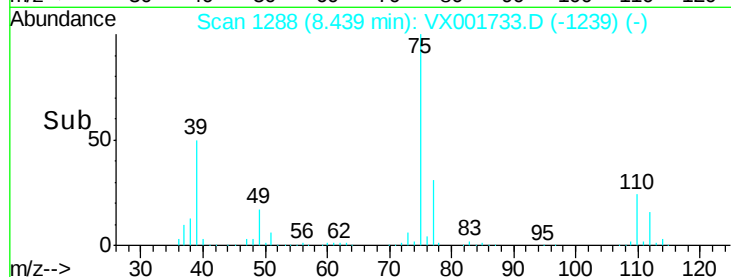
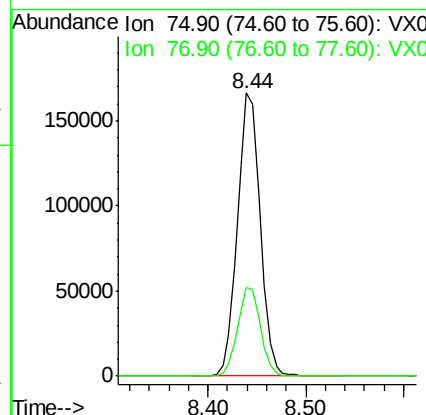
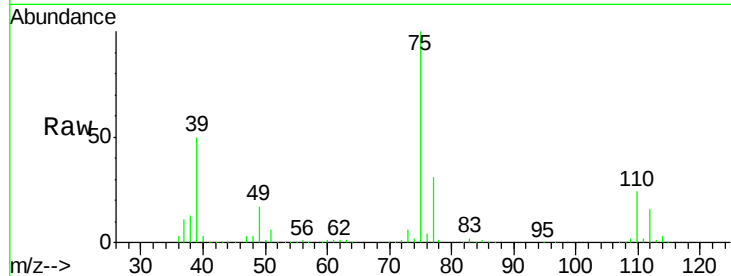
#53
t-1,3-Dichloropropene
Concen: 51.29 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.0	37.6

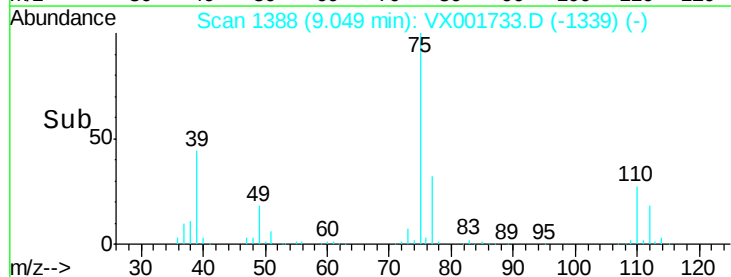
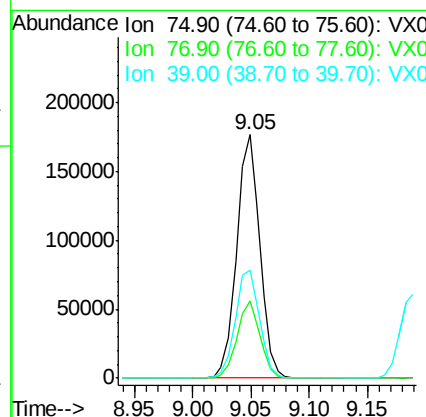
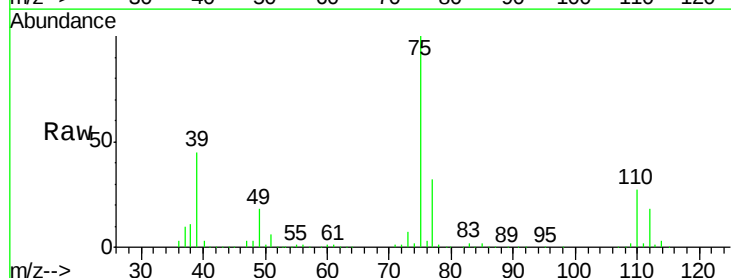
Manual Integrations
APPROVED

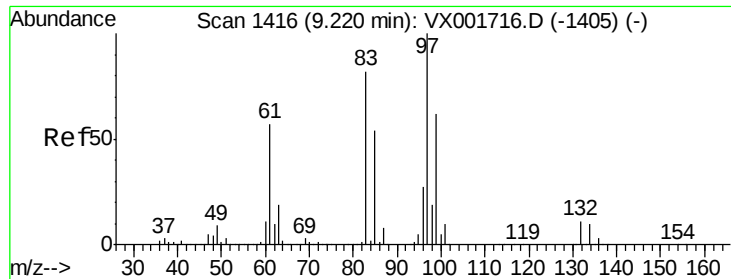
MMDadoda
5/16/2018 11:54:13 AM



#54
cis-1,3-Dichloropropene
Concen: 53.15 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.4	38.2
39	44.4	36.1	54.1





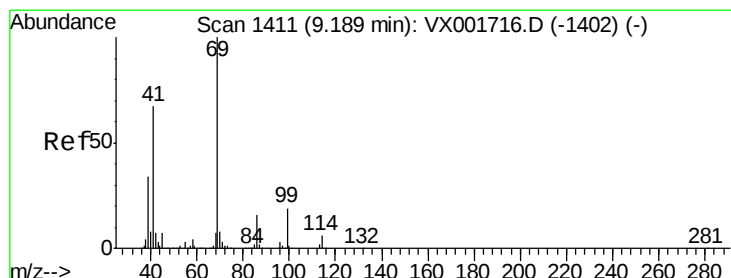
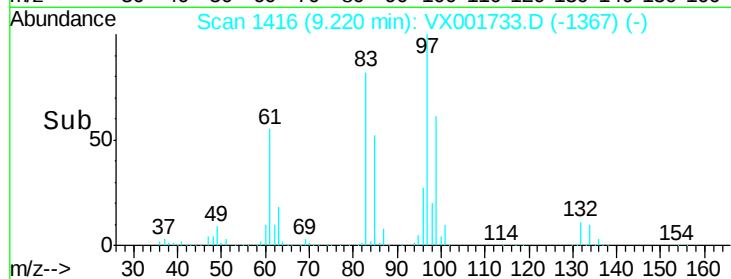
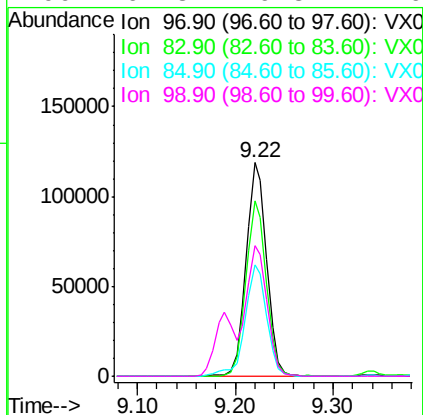
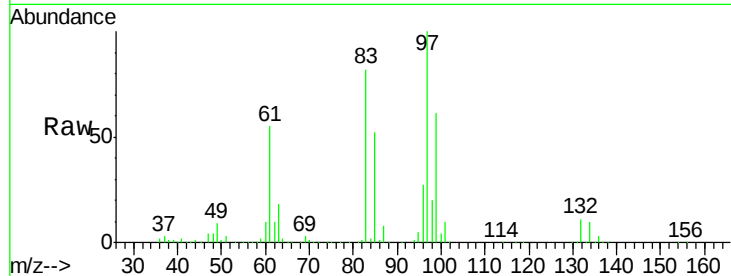
#55
 1,1,2-Trichloroethane
 Concen: 50.61 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion:	97	Resp:	172747
Ion Ratio	Lower	Upper	
97	100		
83	81.9	65.8	98.8
85	52.3	43.4	65.0
99	61.3	49.8	74.6

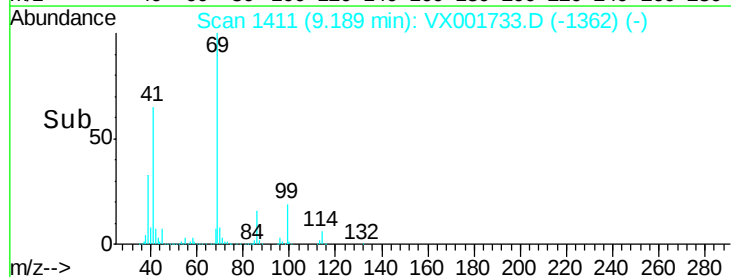
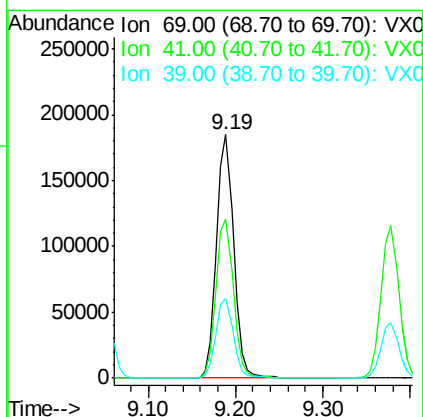
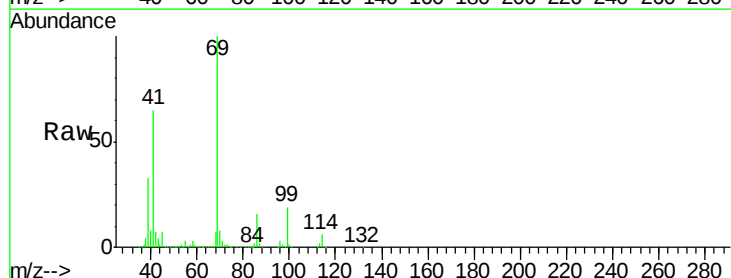
Manual Integrations
 APPROVED

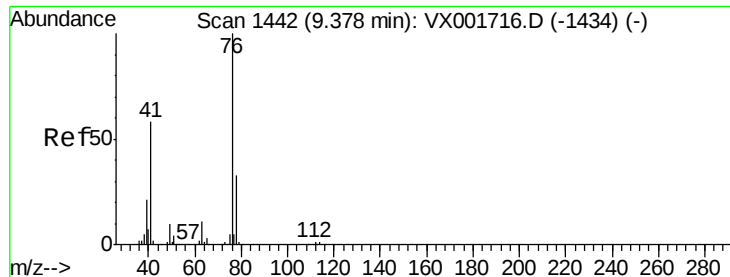
MMDadoda
 5/16/2018 11:54:13 AM



#56
 Ethyl methacrylate
 Concen: 52.17 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion:	69	Resp:	252513
Ion Ratio	Lower	Upper	
69	100		
41	66.5	53.5	80.3
39	33.2	27.2	40.8





#57

1,3-Dichloropropane

Concen: 49.53 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 76 Resp: 283024

Ion Ratio Lower Upper

76 100

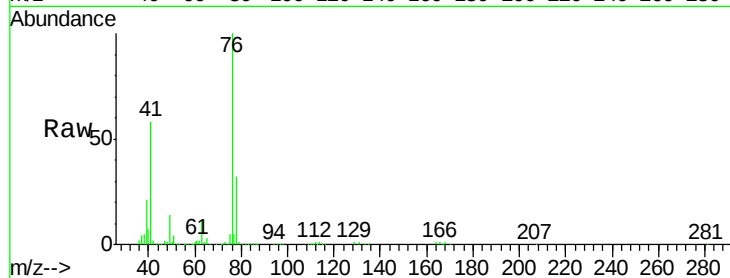
78 32.0 25.8 38.6

Manual Integrations

APPROVED

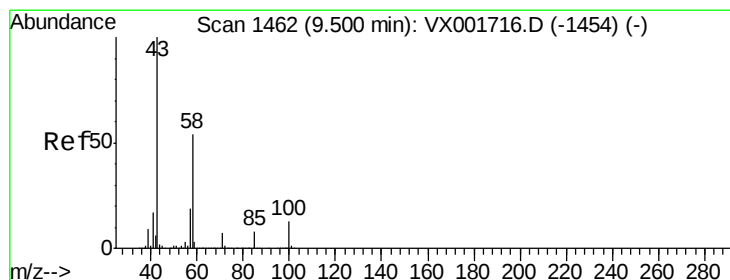
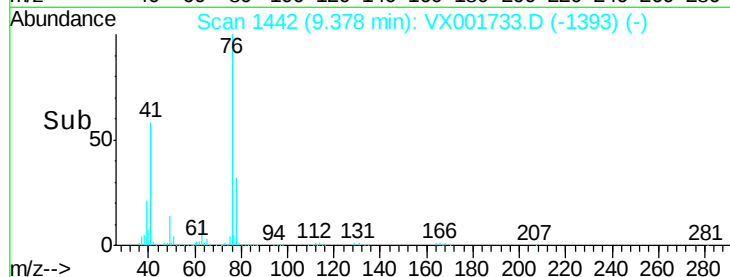
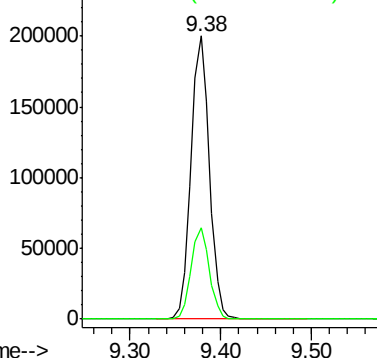
MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 259.48 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX001733.D

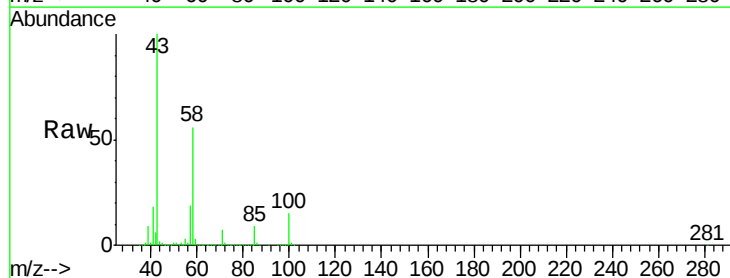
Acq: 15 May 2018 02:16

Tgt Ion: 43 Resp: 905489

Ion Ratio Lower Upper

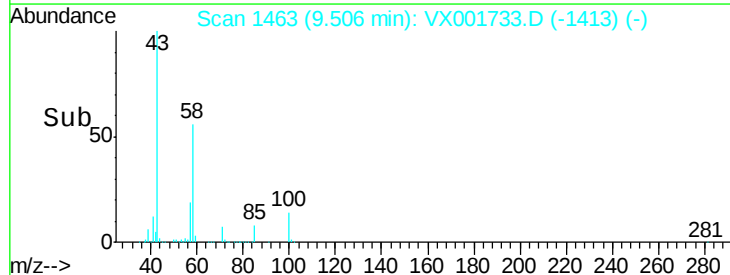
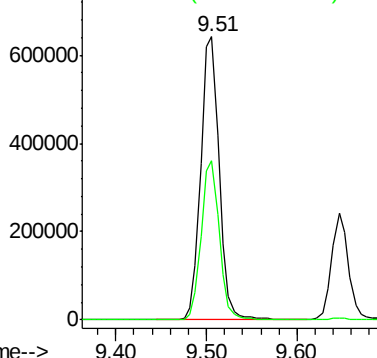
43 100

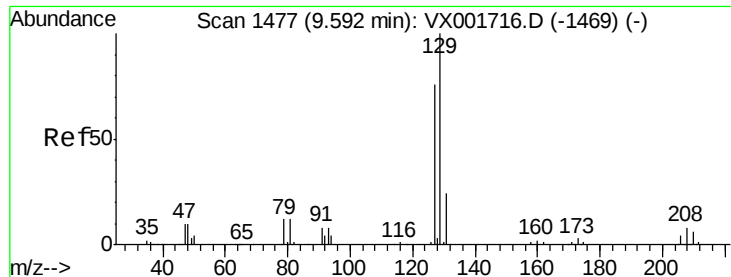
58 55.5 27.7 83.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 53.58 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion:129 Resp: 187248

Ion Ratio Lower Upper

129 100

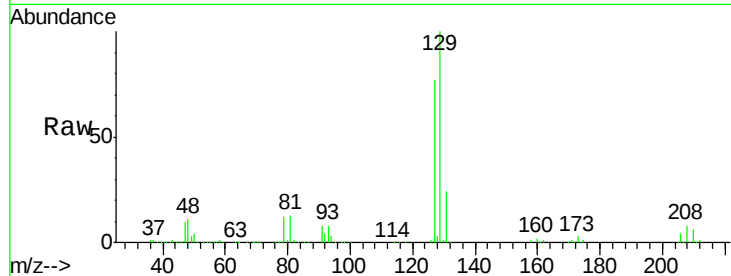
127 77.1 38.7 116.1

Manual Integrations

APPROVED

MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 128.80 (128.50 to 129.50): V

150000 Ion 126.80 (126.50 to 127.50): V

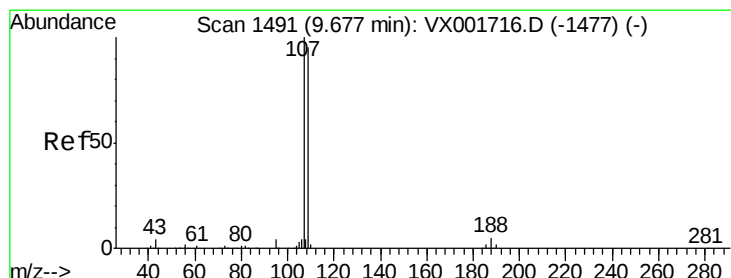
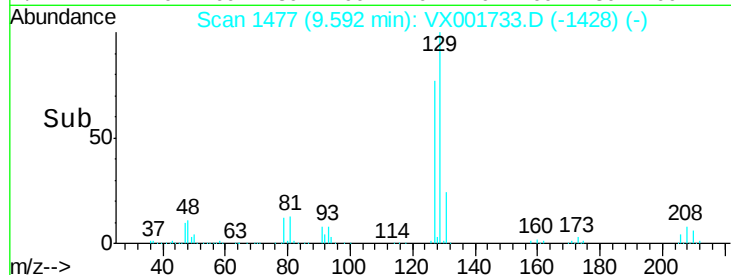
9.59

100000

50000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 50.90 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001733.D

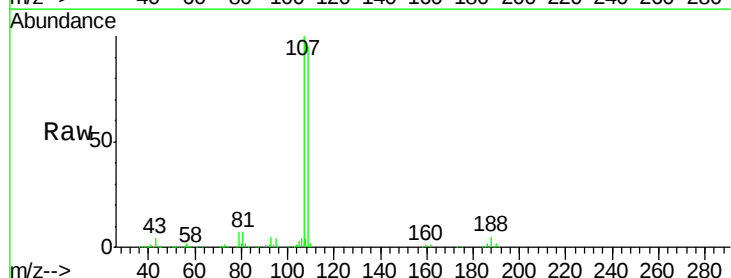
Acq: 15 May 2018 02:16

Tgt Ion:107 Resp: 181870

Ion Ratio Lower Upper

107 100

109 94.3 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

150000 Ion 108.80 (108.50 to 109.50): V

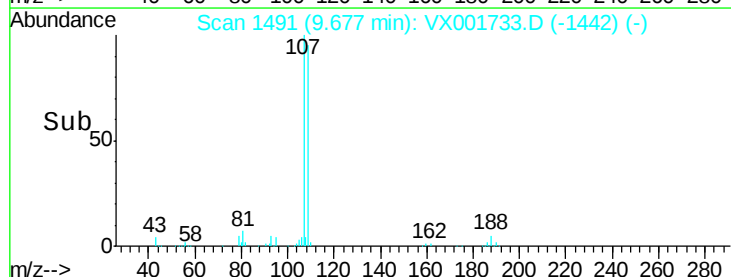
9.68

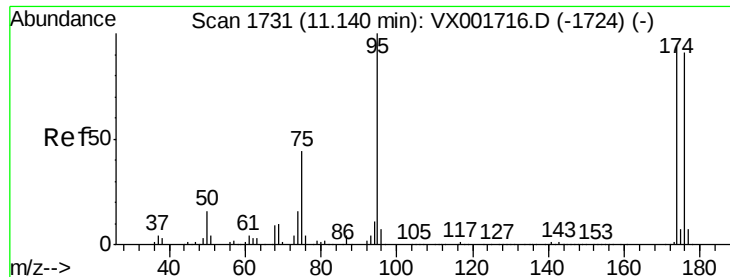
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80





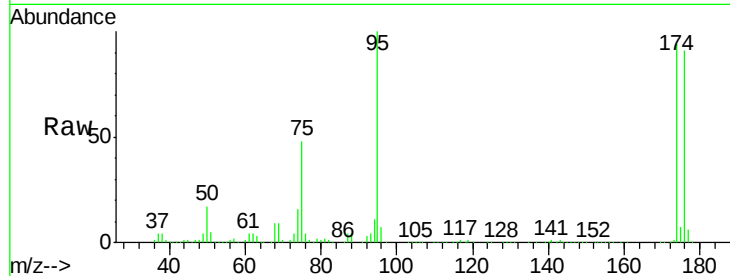
#62
4-Bromofluorobenzene
Concen: 50.86 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	226744		
174	102.4	0.0	201.8	
176	99.2	0.0	196.8	

Manual Integrations
APPROVED

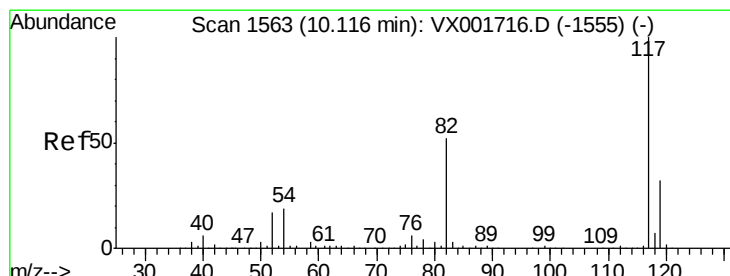
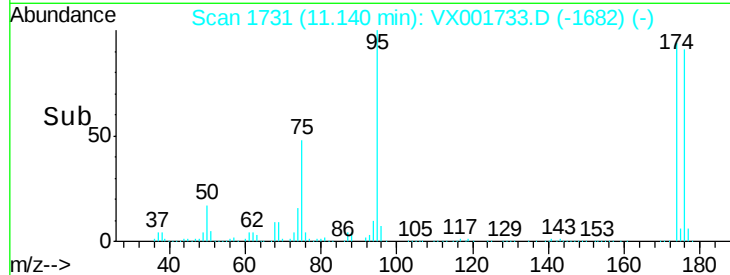
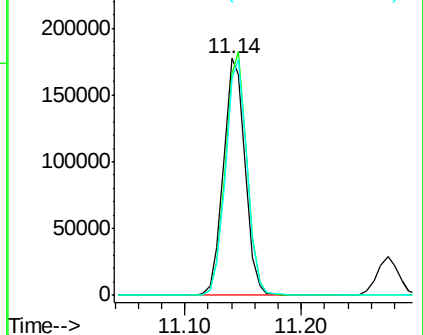
MMDadoda
5/16/2018 11:54:13 AM



Abundance Ion 94.90 (94.60 to 95.60): VX001733.D (-1682) (-)

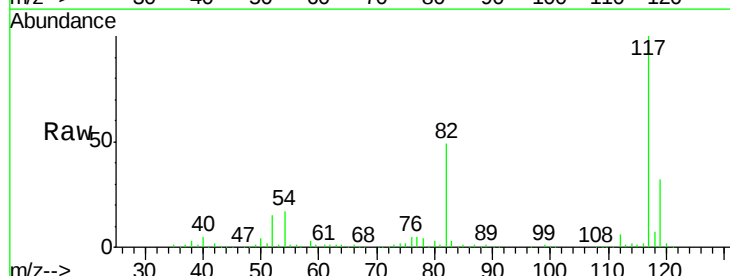
Ion 173.80 (173.50 to 174.50): VX001733.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001733.D (-1682) (-)



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

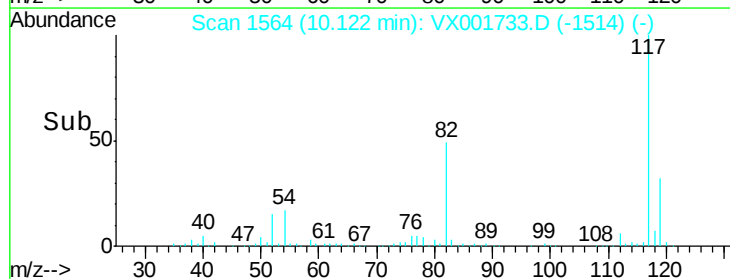
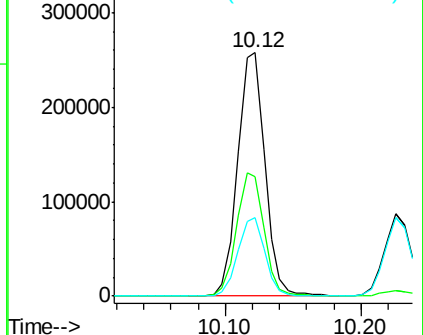
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	360711		
82	49.3	41.4	62.2	
119	32.1	25.6	38.4	

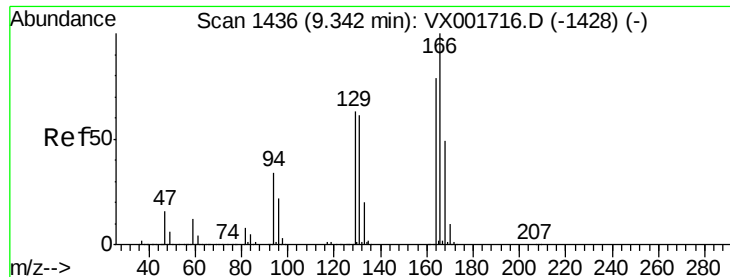


Abundance Ion 116.90 (116.60 to 117.60): VX001733.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX001733.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX001733.D (-1514) (-)





#64

Tetrachloroethene

Concen: 46.15 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

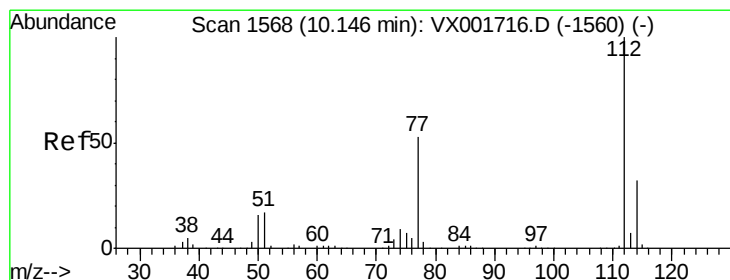
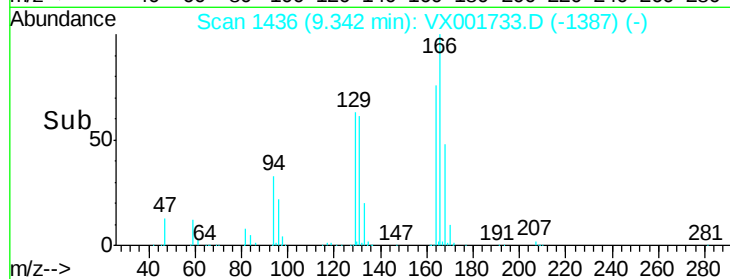
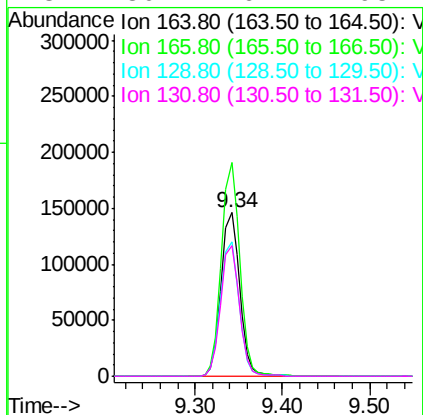
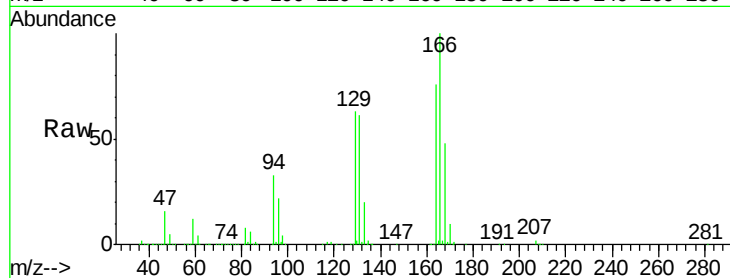
ClientSampleId :

MW-03MSD

Tot Ion:	164	Resp:	216707
Ion Ratio	Lower	Upper	
164	100		
166	130.8	101.8	152.8
129	82.5	63.8	95.6
131	80.2	62.2	93.2

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#65

Chlorobenzene

Concen: 49.06 ug/l

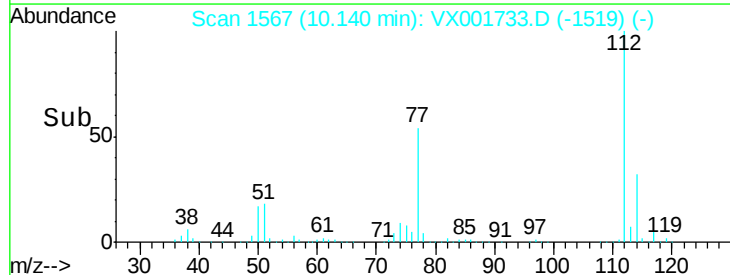
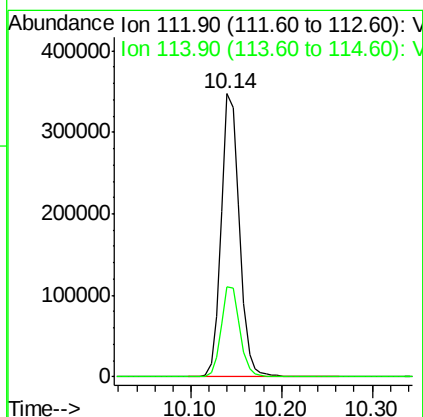
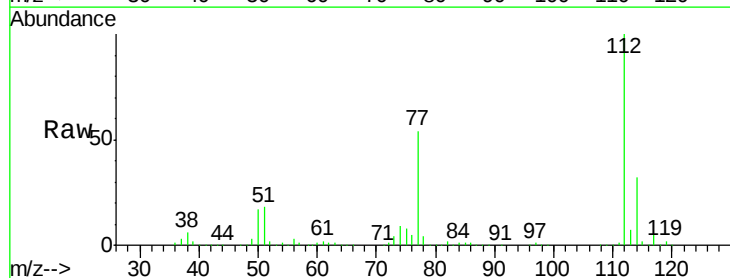
RT: 10.14 min Scan# 1567

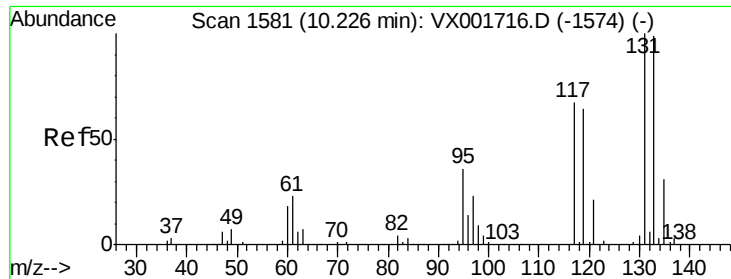
Delta R.T. -0.01 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	112	Resp:	486730
Ion Ratio	Lower	Upper	
112	100		
114	31.9	25.6	38.4





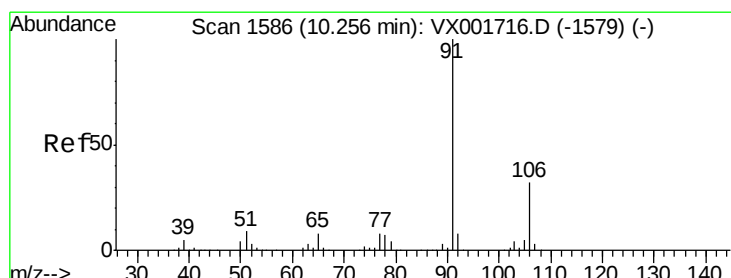
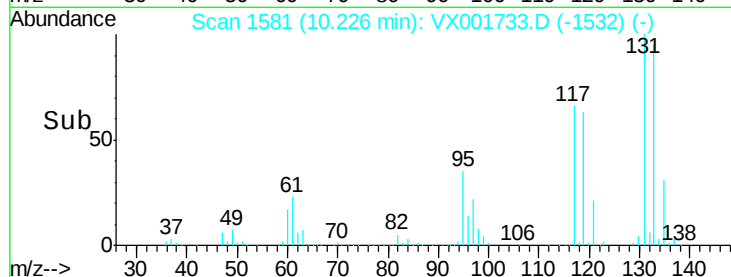
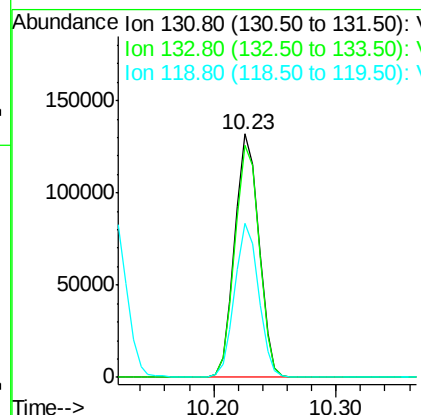
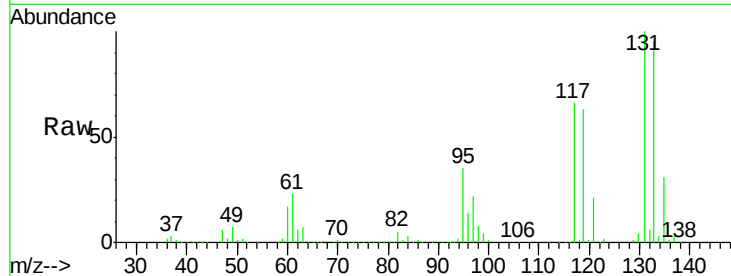
#66
 1,1,1,2-Tetrachloroethane
 Concen: 51.18 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.6	48.5	145.6
119	62.7	31.9	95.5

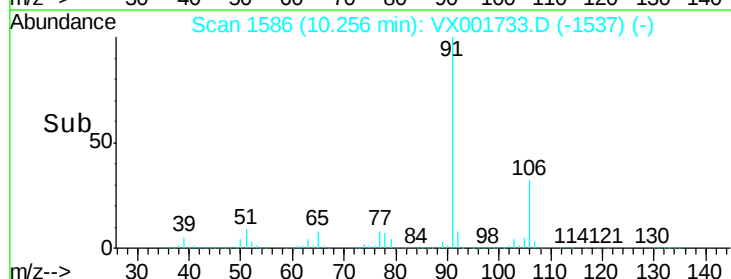
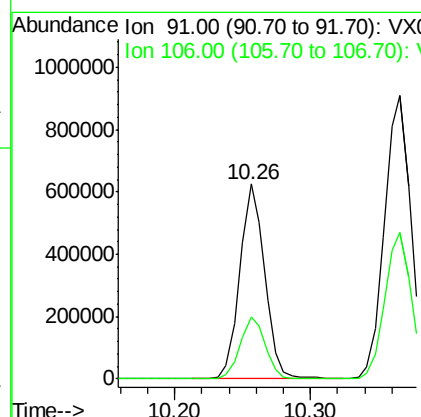
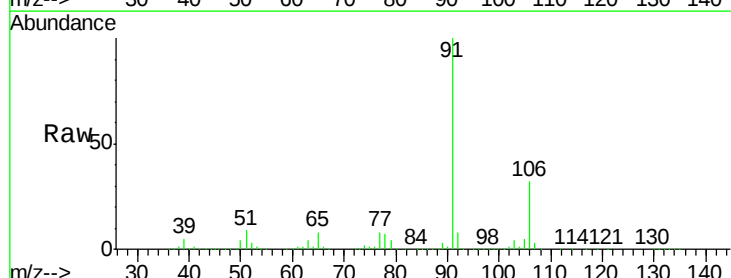
Manual Integrations
 APPROVED

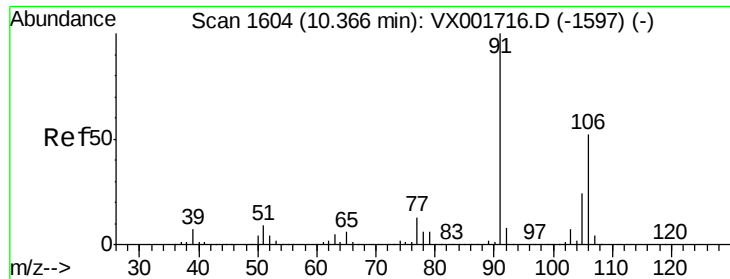
MMDadoda
 5/16/2018 11:54:13 AM



#67
 Ethyl Benzene
 Concen: 50.36 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.0	25.7	38.5





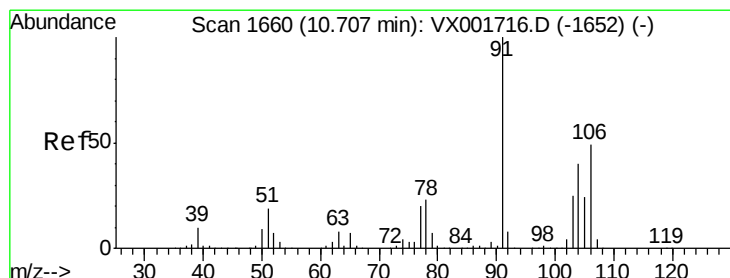
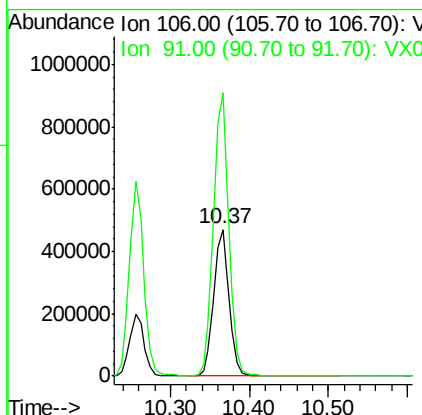
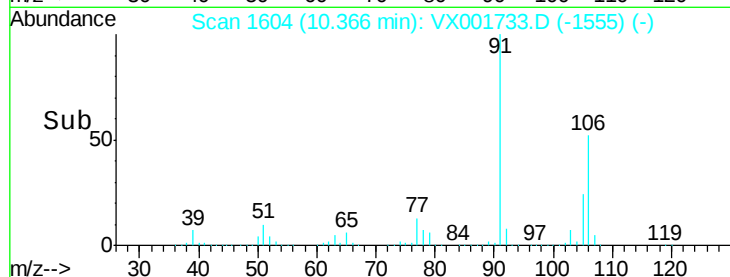
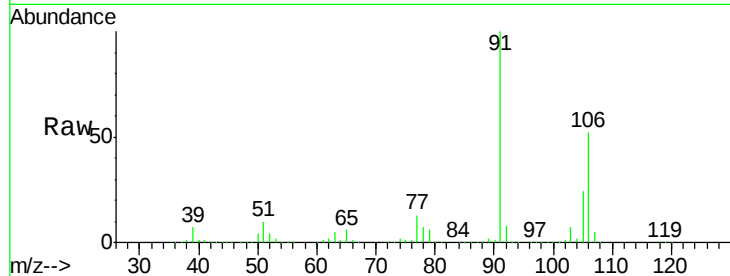
#68
m/p-Xvlenes
Concen: 102.27 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampled :
MW-03MSD

Tot Ion:106 Resp: 639848
Ion Ratio Lower Upper
106 100
91 194.0 155.4 233.2

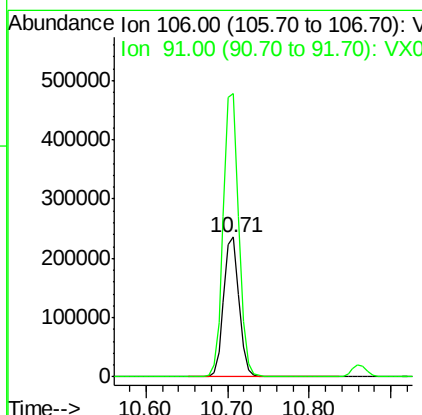
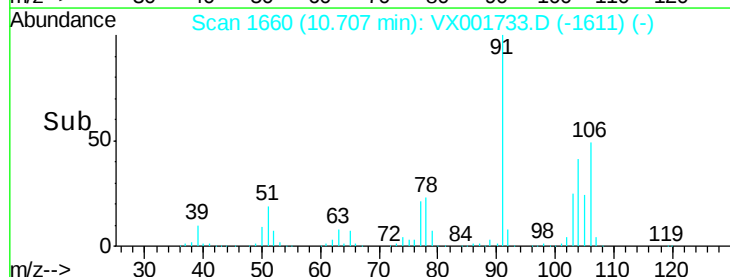
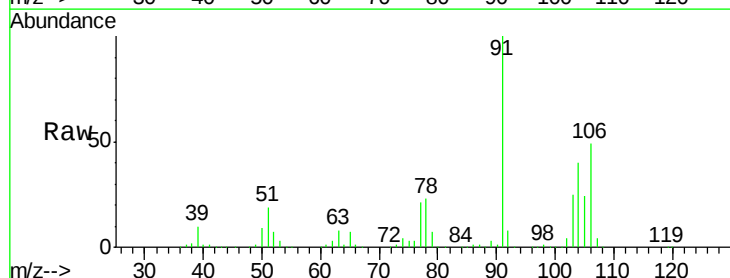
Manual Integrations
APPROVED

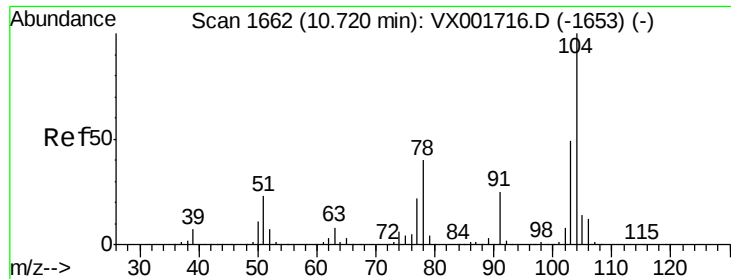
MMDadoda
5/16/2018 11:54:13 AM



#69
o-Xylene
Concen: 51.76 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:106 Resp: 310115
Ion Ratio Lower Upper
106 100
91 205.1 103.4 310.2





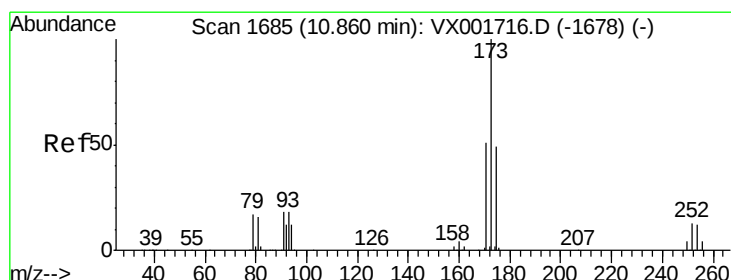
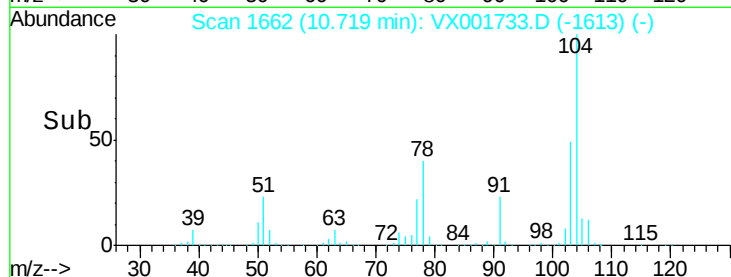
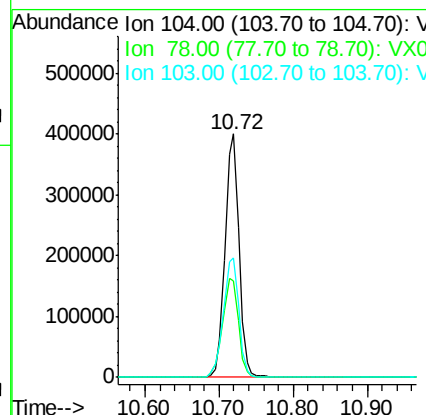
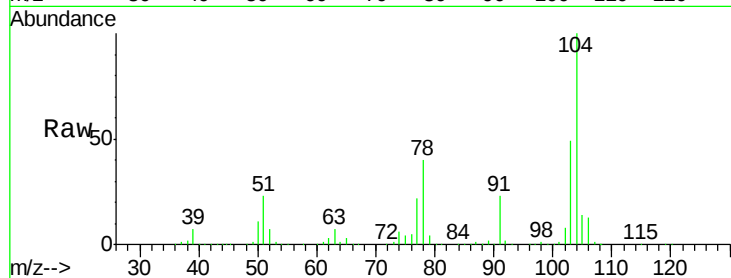
#70
Stvrene
Concen: 52.60 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		519739		
78	46.3	37.3	55.9		
103	54.5	43.7	65.5		

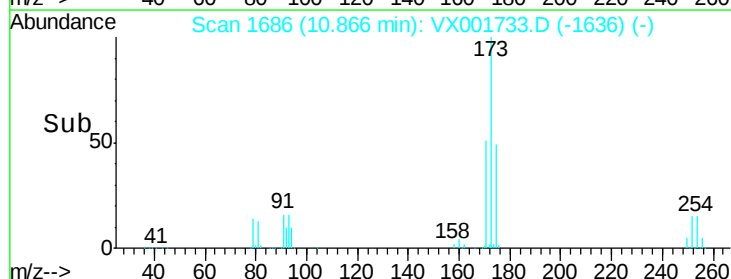
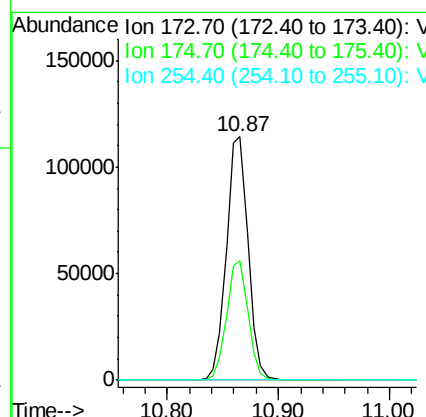
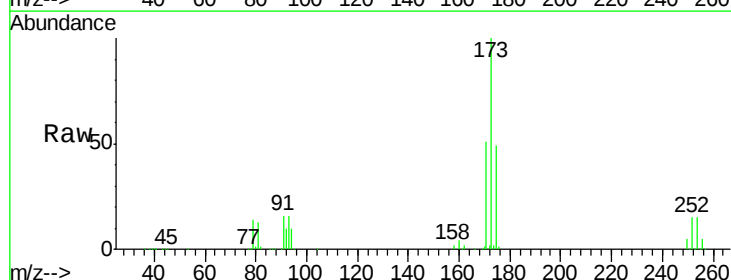
Manual Integrations
APPROVED

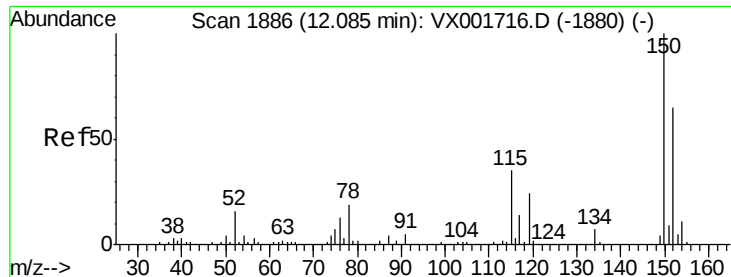
MMDadoda
5/16/2018 11:54:13 AM



#71
Bromoform
Concen: 47.29 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		153675		
175	48.8	24.3	72.8		
254	0.2	0.2	0.2		





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion:152 Resp: 242598

Ion Ratio Lower Upper

152 100

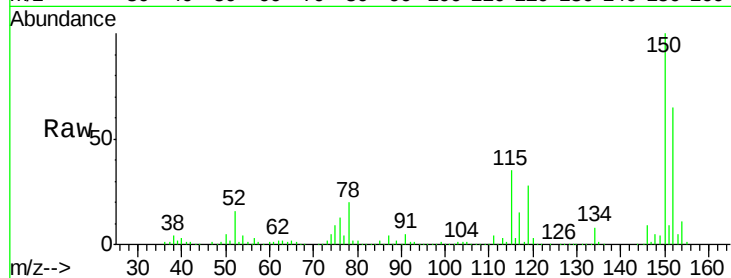
115 73.9 37.4 112.2

150 172.5 0.0 344.8

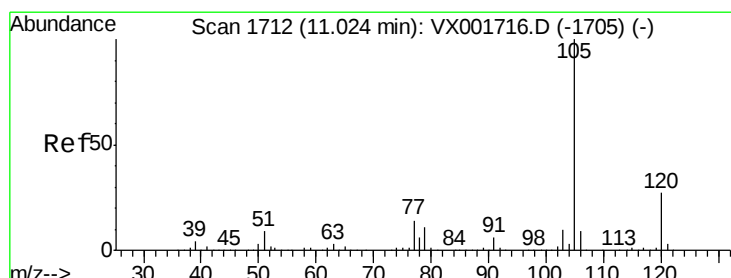
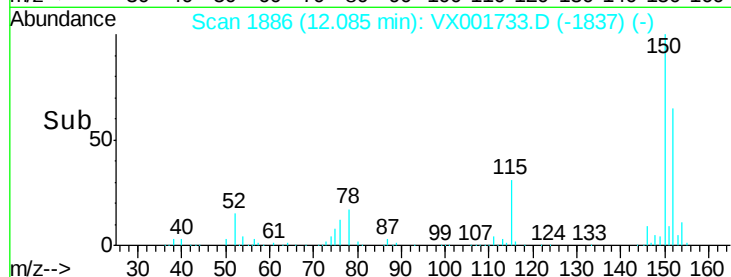
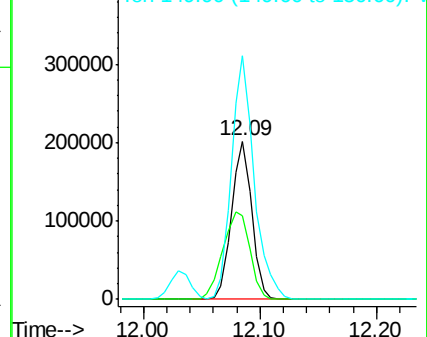
Manual Integrations
APPROVED

MMDadoda

5/16/2018 11:54:13 AM



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: 51.03 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001733.D

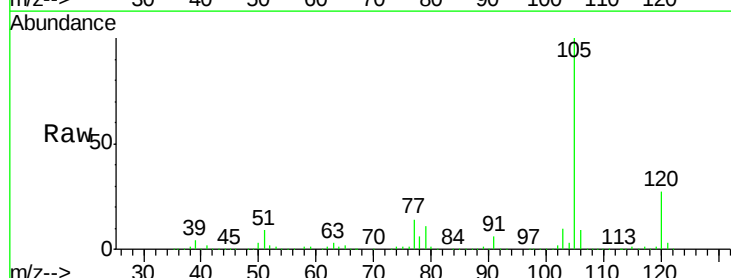
Acq: 15 May 2018 02:16

Tgt Ion:105 Resp: 815330

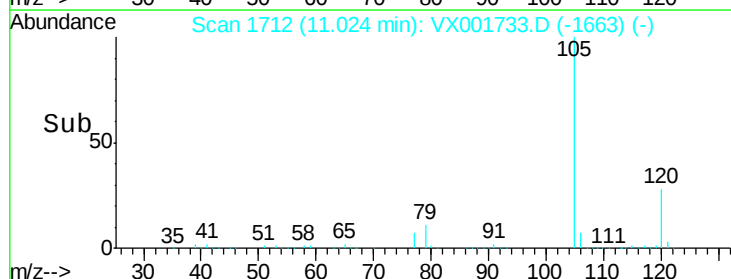
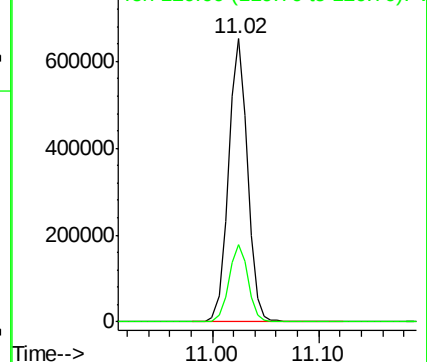
Ion Ratio Lower Upper

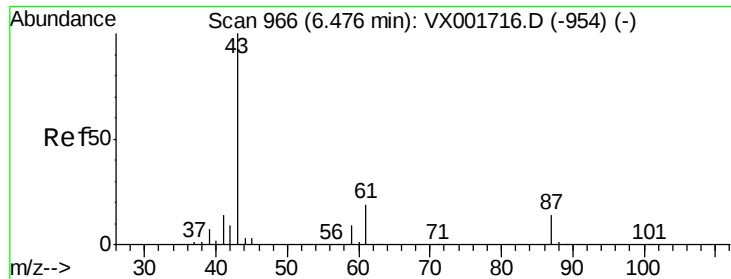
105 100

120 27.5 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.66 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

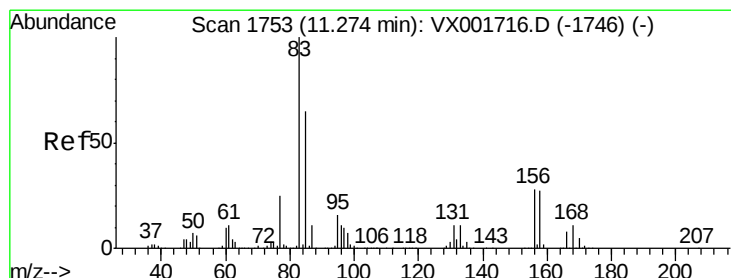
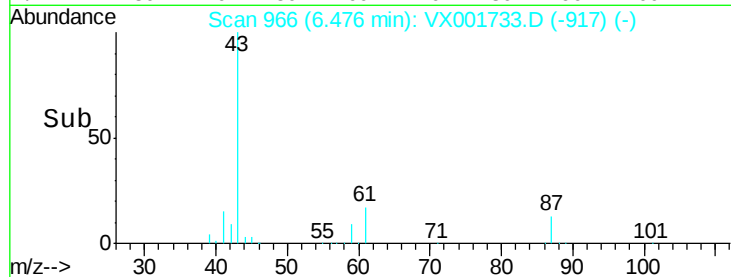
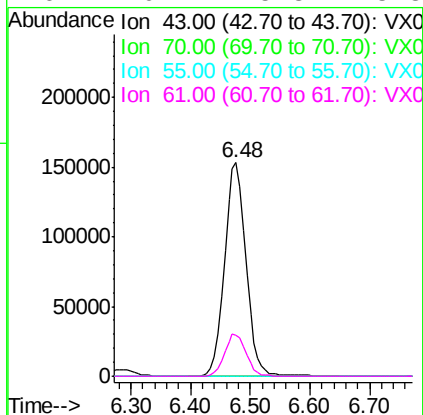
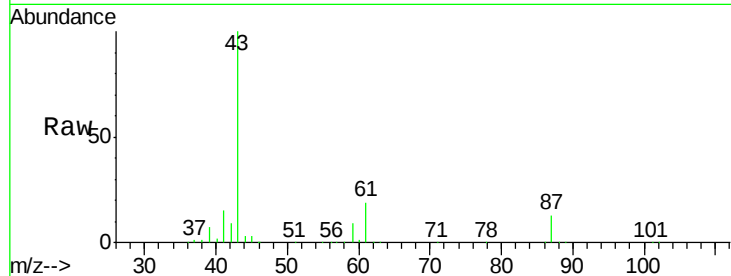
ClientSampleId :

MW-03MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		380341		
70	0.0	0.0	0.0		
55	0.1	0.1	0.1		
61	20.1	15.8	23.8		

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.65 ug/l

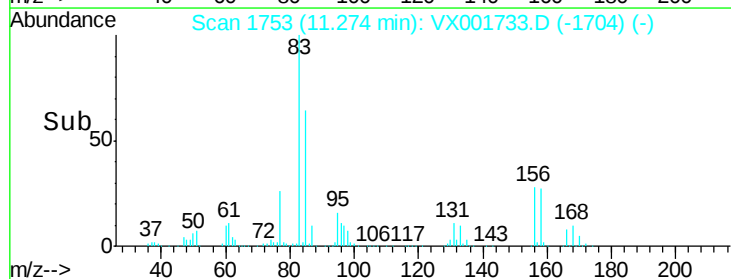
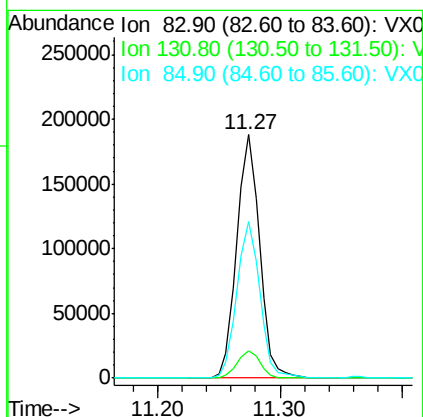
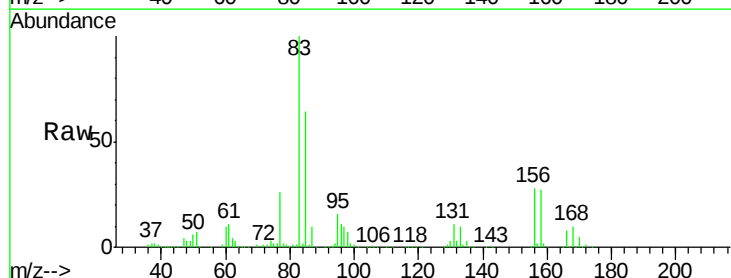
RT: 11.27 min Scan# 1753

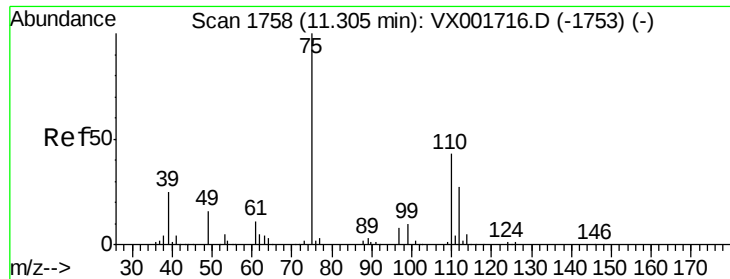
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		242724		
131	11.3	5.7	17.0		
85	64.7	32.7	98.1		





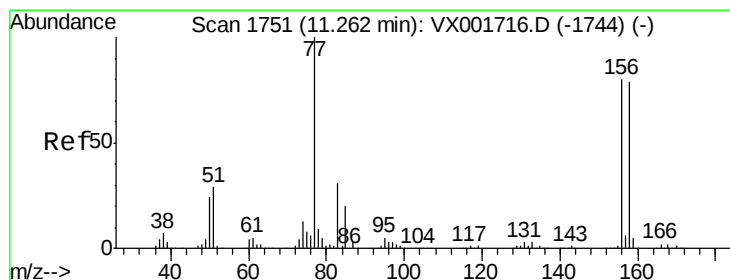
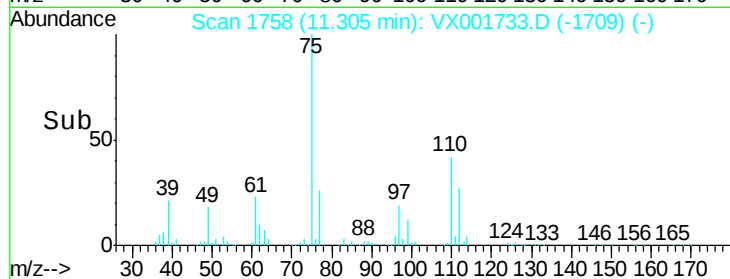
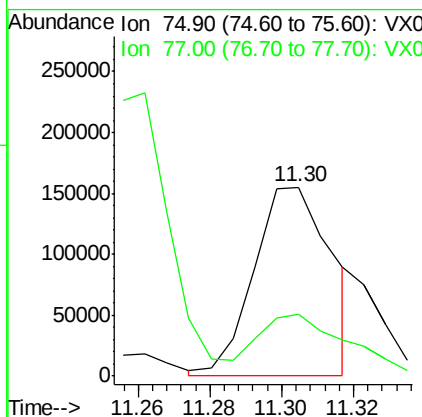
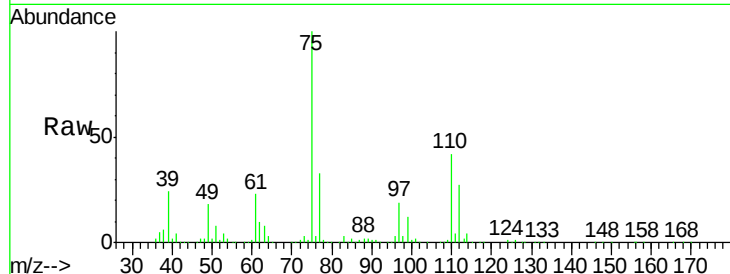
#76
 1,2,3-Trichloropropane
 Concen: 50.86 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampled :
 MW-03MSD

Tot Ion: 75 Resp: 234624
 Ion Ratio Lower Upper
 75 100
 77 37.5 18.9 56.7

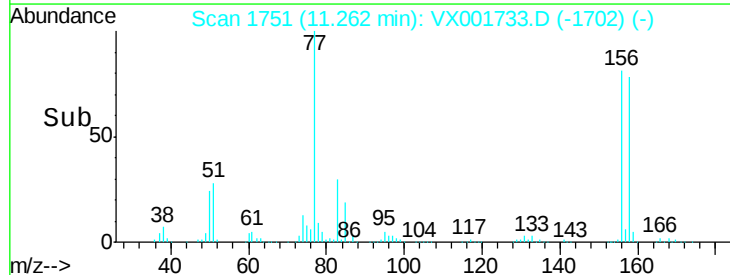
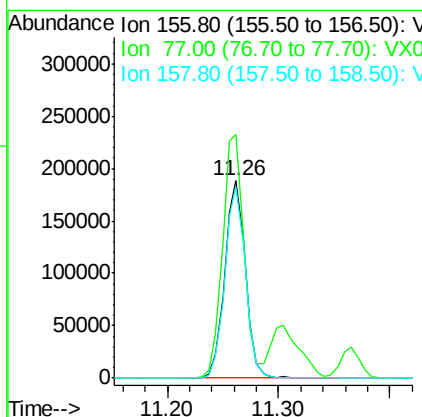
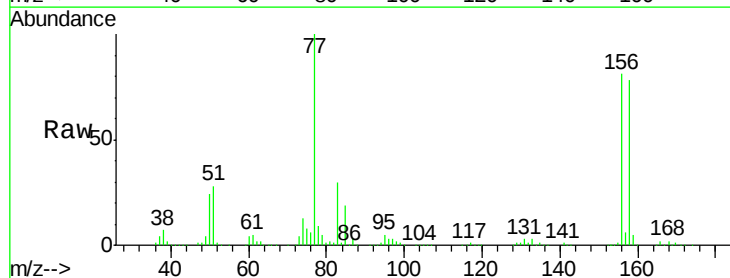
Manual Integrations
 APPROVED

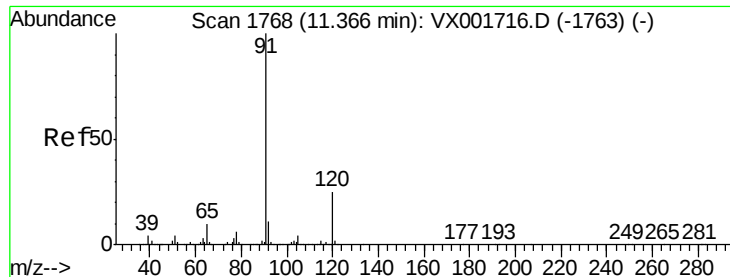
MMDadoda
 5/16/2018 11:54:13 AM



#77
 Bromobenzene
 Concen: 51.04 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 156 Resp: 239598
 Ion Ratio Lower Upper
 156 100
 77 129.7 65.3 196.0
 158 96.6 49.1 147.3





#78

n-propylbenzene

Concen: 50.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

MW-03MSD

Tot Ion: 91 Resp: 914618

Ion Ratio Lower Upper

91 100

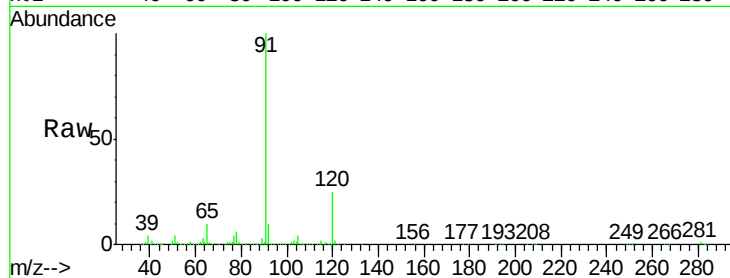
120 25.0 12.5 37.5

Manual Integrations

APPROVED

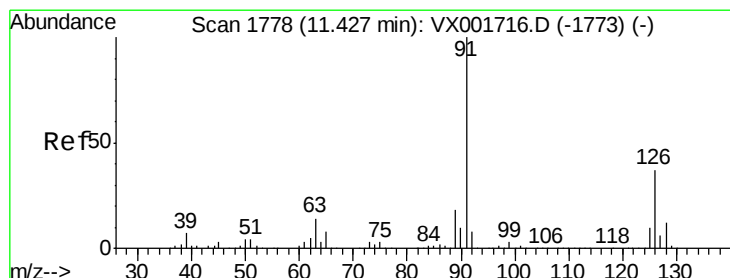
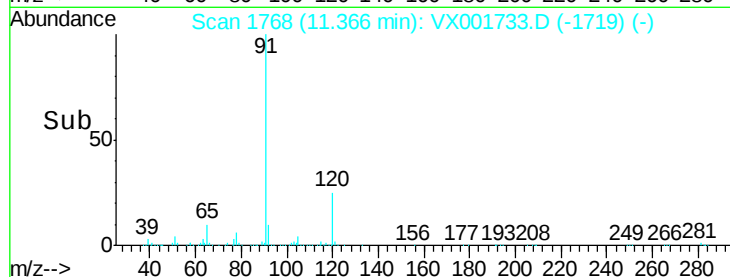
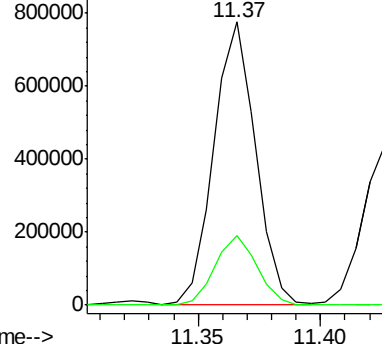
MMDadoda

5/16/2018 11:54:13 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 50.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001733.D

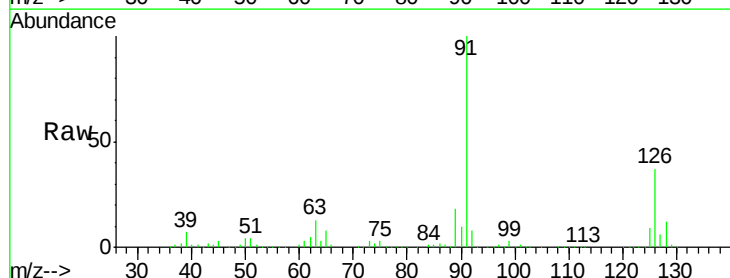
Acq: 15 May 2018 02:16

Tgt Ion: 91 Resp: 541658

Ion Ratio Lower Upper

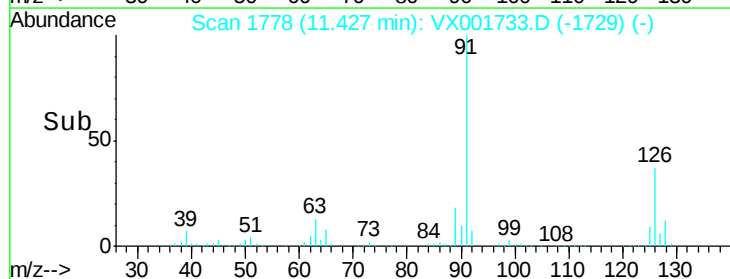
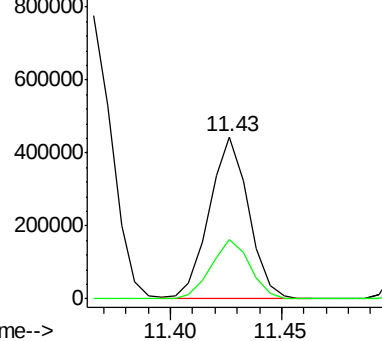
91 100

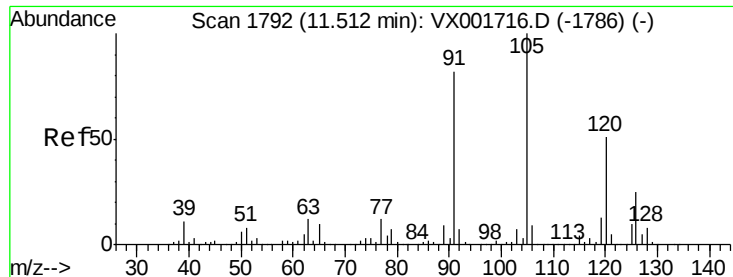
126 36.7 18.4 55.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





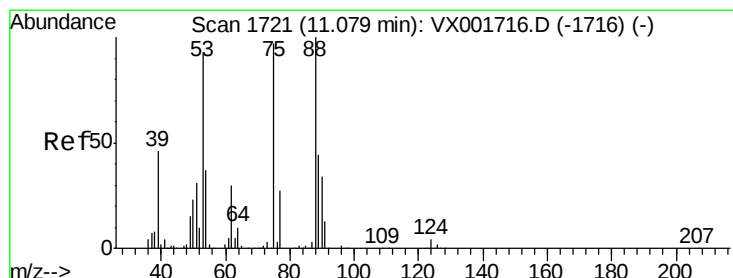
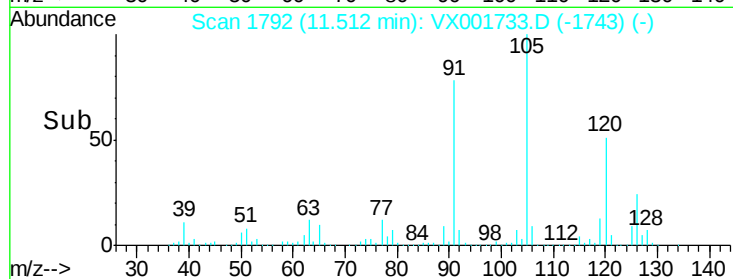
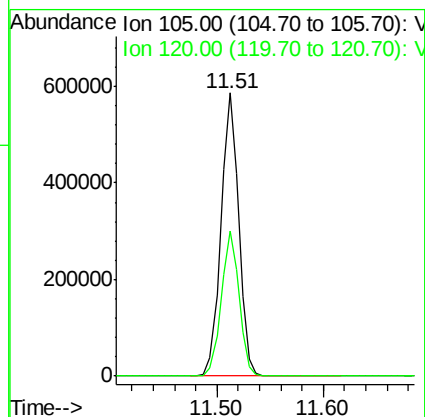
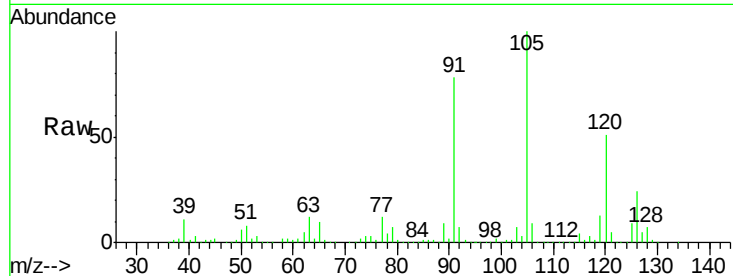
#80
 1,3,5-Trimethylbenzene
 Concen: 51.82 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion:105 Resp: 679225
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.7 77.0

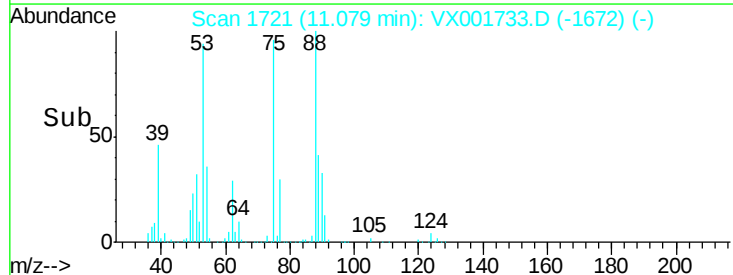
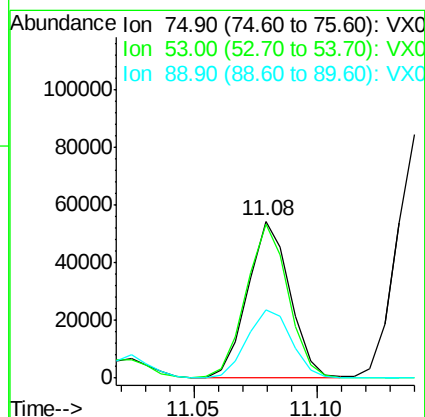
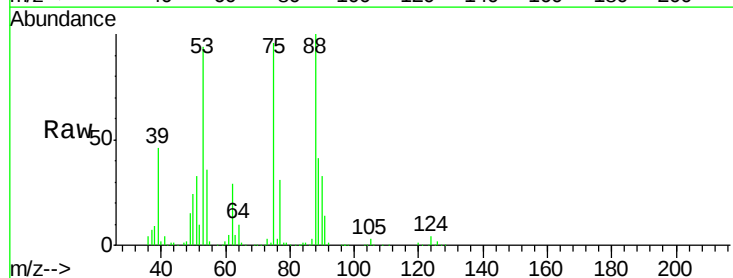
Manual Integrations
 APPROVED

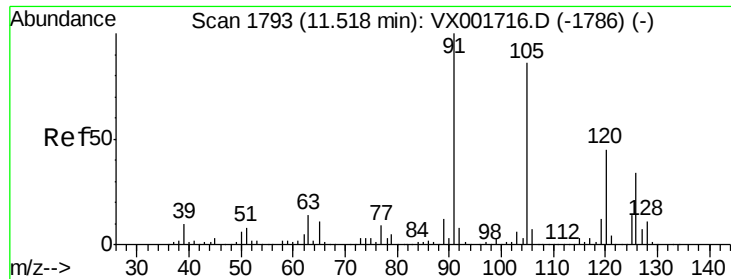
MMDadoda
 5/16/2018 11:54:13 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.49 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion: 75 Resp: 64949
 Ion Ratio Lower Upper
 75 100
 53 97.9 79.4 119.2
 89 46.1 38.8 58.2





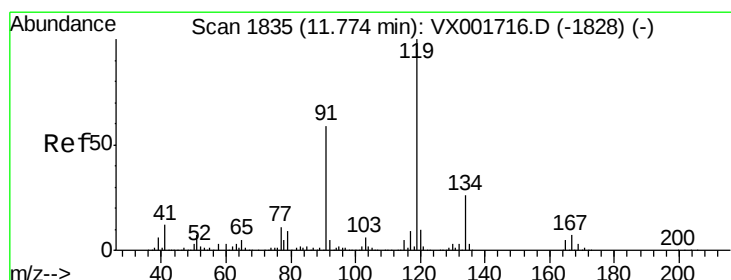
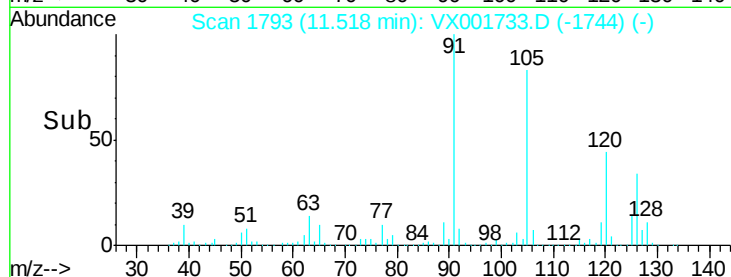
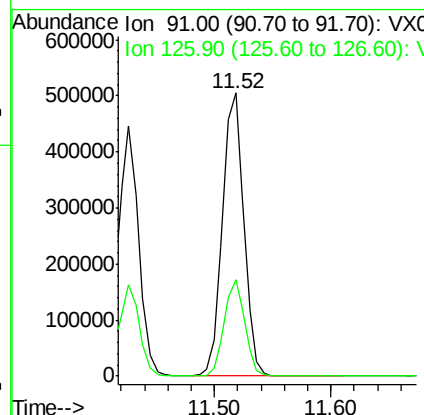
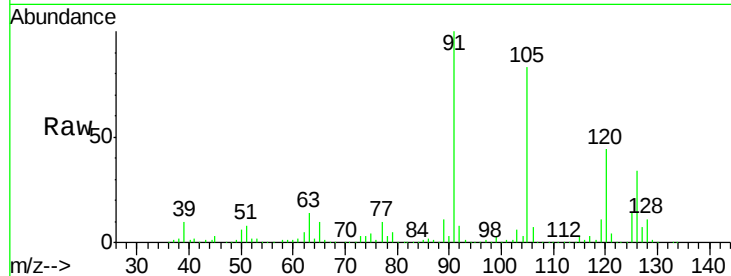
#82
4-Chlorotoluene
Concen: 50.18 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampled :
MW-03MSD

Tot Ion: 91 Resp: 636305
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1

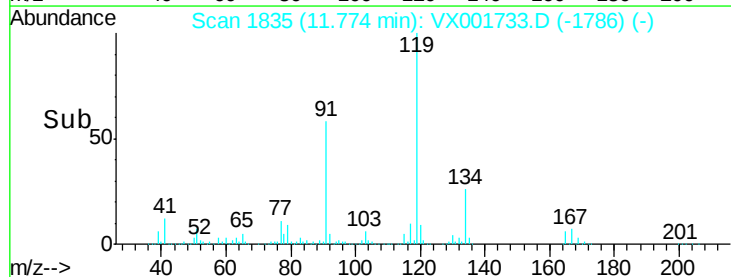
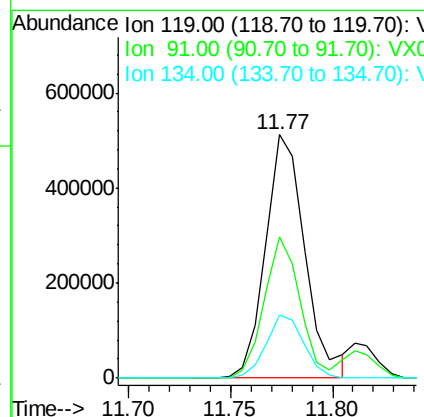
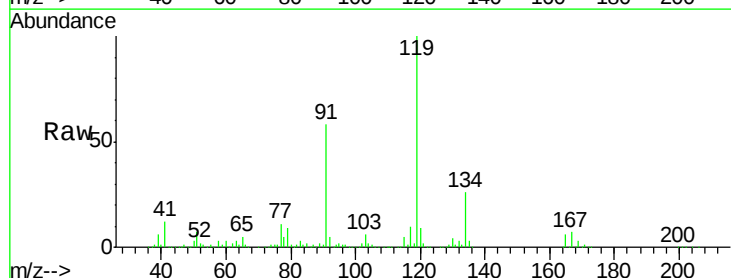
Manual Integrations
APPROVED

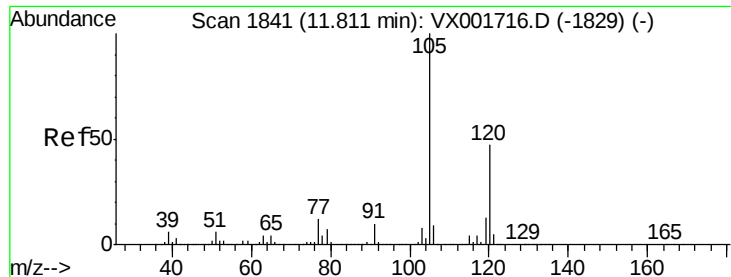
MMDadoda
5/16/2018 11:54:13 AM



#83
tert-Butylbenzene
Concen: 52.96 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion: 119 Resp: 690771
Ion Ratio Lower Upper
119 100
91 52.7 27.7 83.0
134 24.6 12.7 38.1





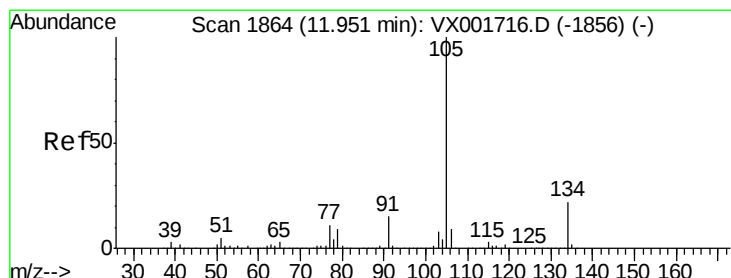
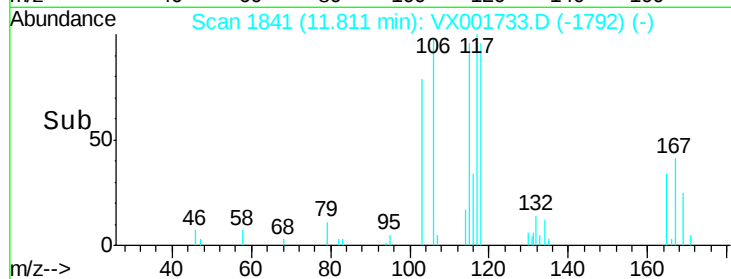
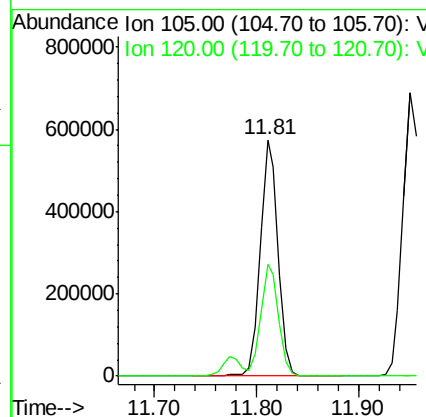
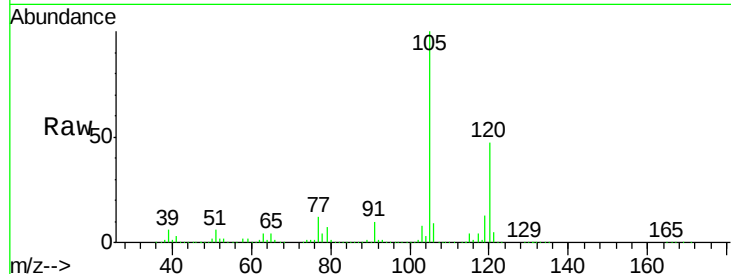
#84
 1,2,4-Trimethylbenzene
 Concen: 51.89 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.5

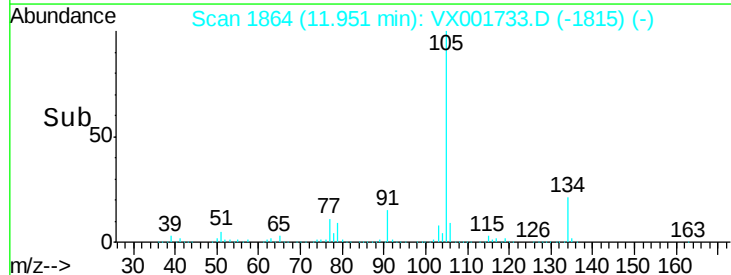
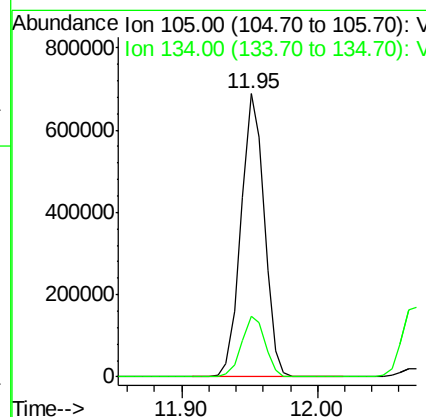
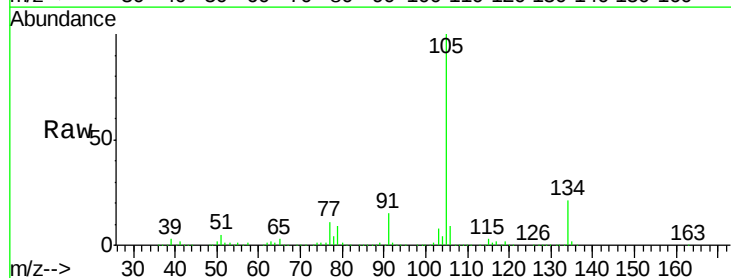
Manual Integrations
 APPROVED

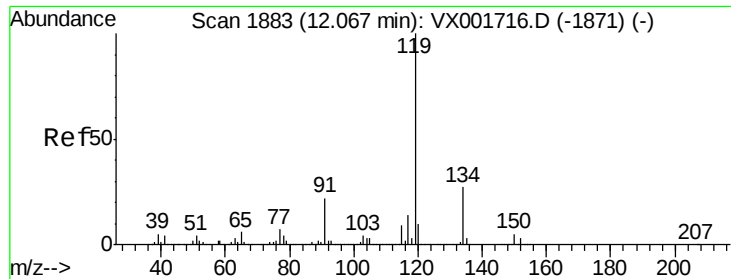
MMDadoda
 5/16/2018 11:54:13 AM



#85
 sec-Butylbenzene
 Concen: 50.95 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.7	10.9	32.6





#86

p-Isopropyltoluene

Concen: 50.56 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

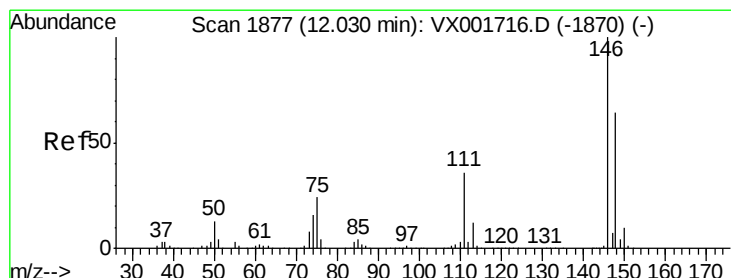
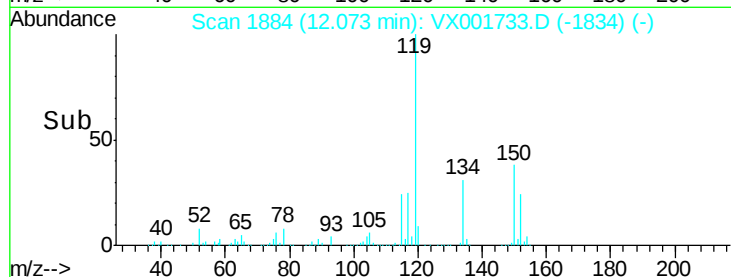
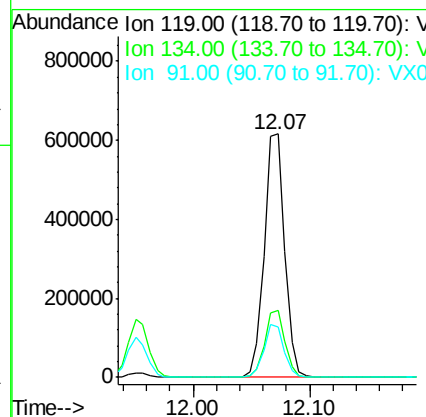
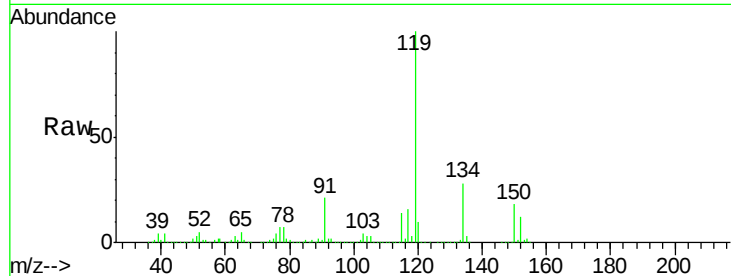
ClientSampleId :

MW-03MSD

Tot Ion:	119	Resp:	753314
Ion Ratio	Lower	Upper	
119	100		
134	27.3	13.6	40.8
91	21.2	10.7	32.1

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



#87

1,3-Dichlorobenzene

Concen: 49.54 ug/l

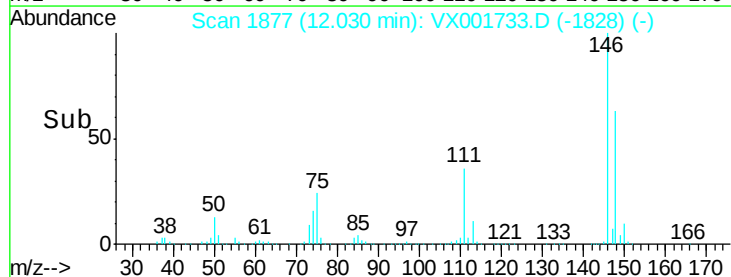
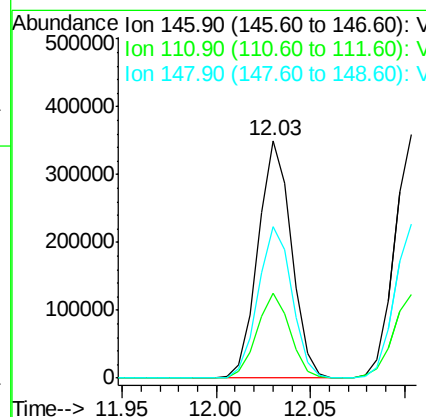
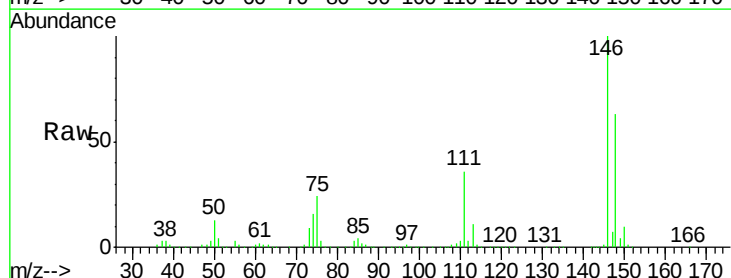
RT: 12.03 min Scan# 1877

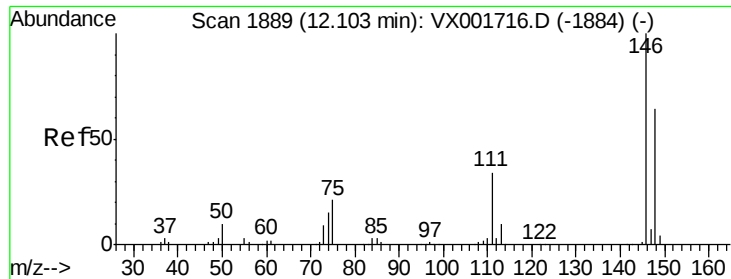
Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Tgt Ion:	146	Resp:	430062
Ion Ratio	Lower	Upper	
146	100		
111	35.5	17.8	53.4
148	64.4	32.1	96.3





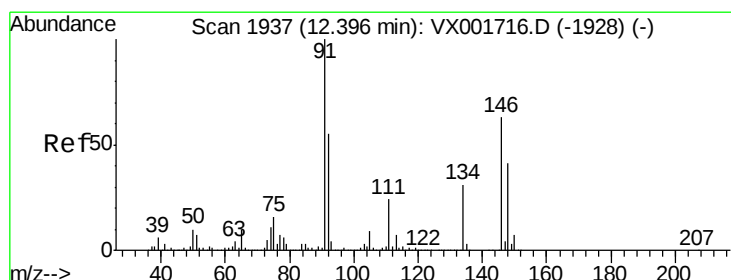
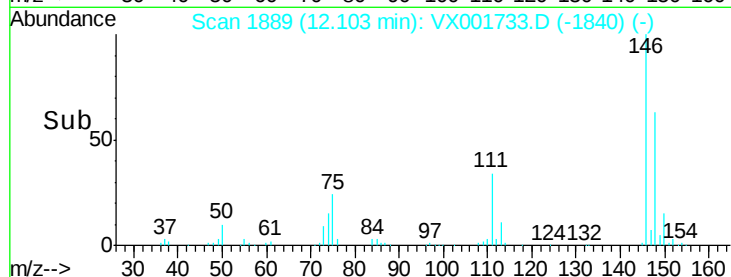
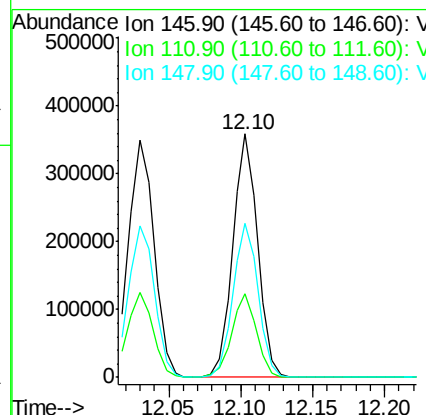
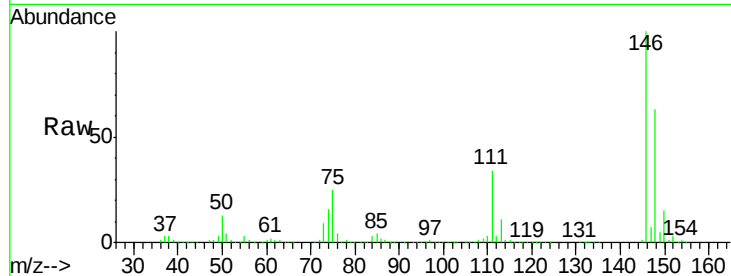
#88
 1,4-Dichlorobenzene
 Concen: 48.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.2	17.3	52.0
148	64.1	32.3	96.9

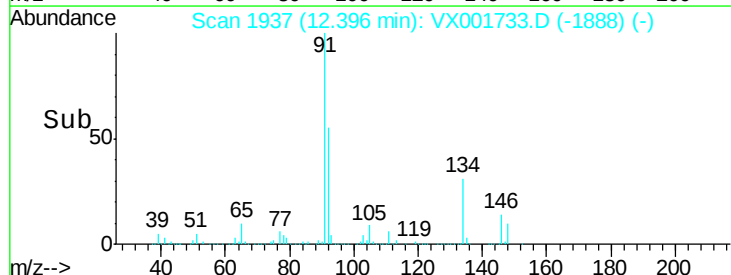
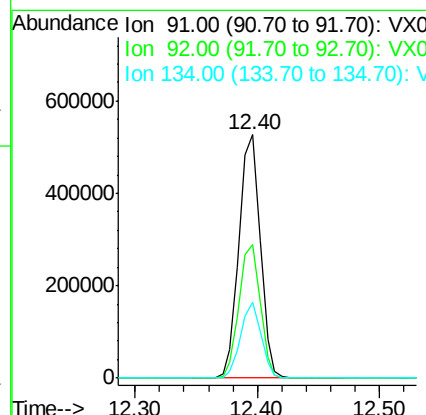
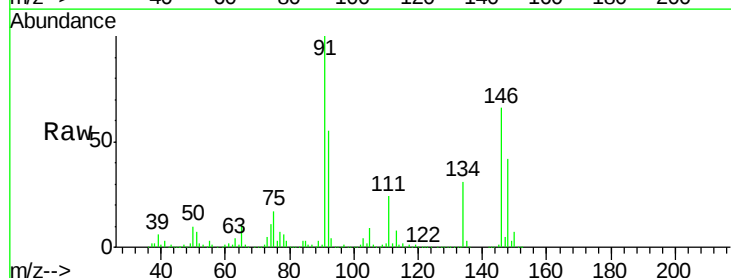
Manual Integrations
 APPROVED

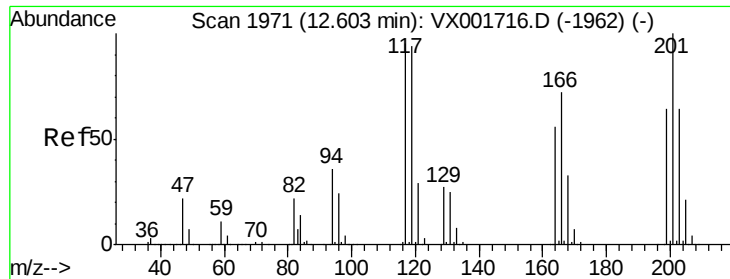
MMDadoda
 5/16/2018 11:54:13 AM



#89
 n-Butylbenzene
 Concen: 48.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.3	81.9
134	29.9	14.7	44.1





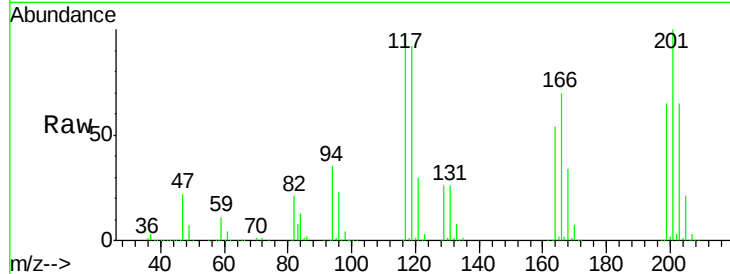
#90
Hexachloroethane
Concen: 52.74 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
MW-03MSD

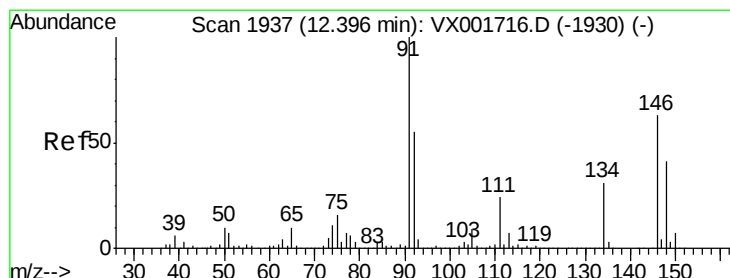
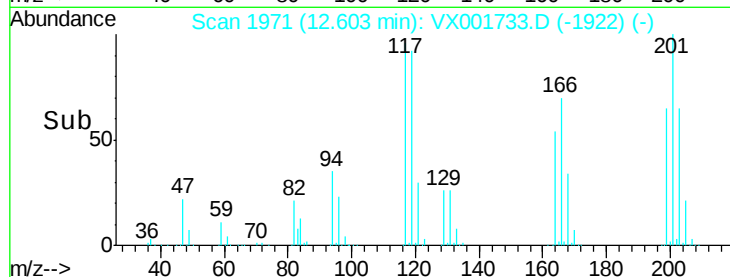
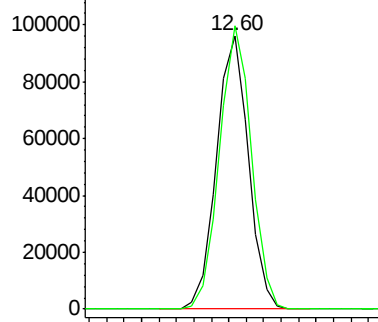
Tot Ion:117 Resp: 122028
Ion Ratio Lower Upper
117 100
201 103.5 51.9 155.7

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM

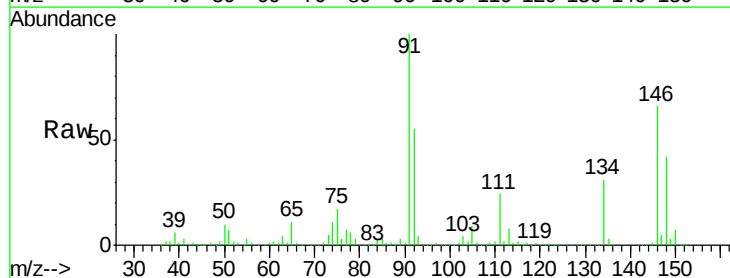


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

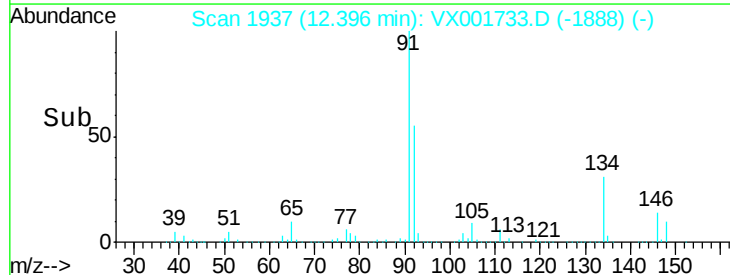
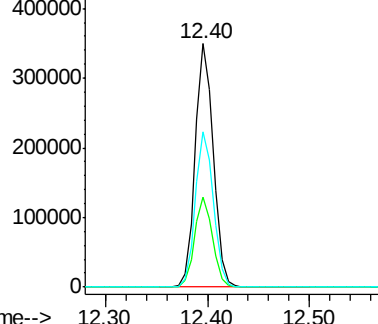


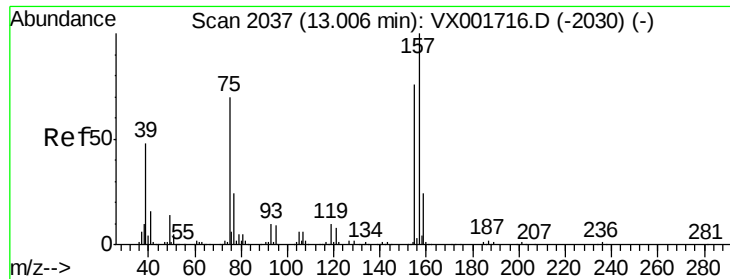
#91
1,2-Dichlorobenzene
Concen: 49.72 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001733.D
Acq: 15 May 2018 02:16

Tgt Ion:146 Resp: 430129
Ion Ratio Lower Upper
146 100
111 36.7 18.6 56.0
148 63.8 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





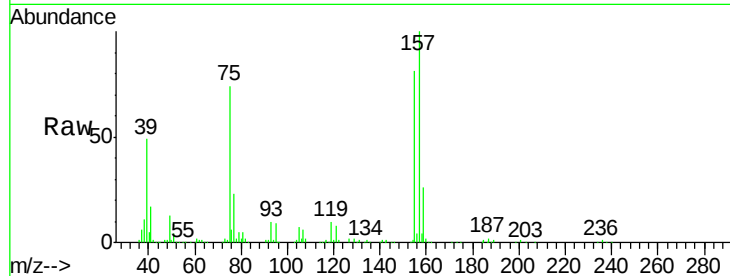
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.10 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	111.1	53.9	161.8
157	141.2	71.0	213.2

Manual Integrations
 APPROVED

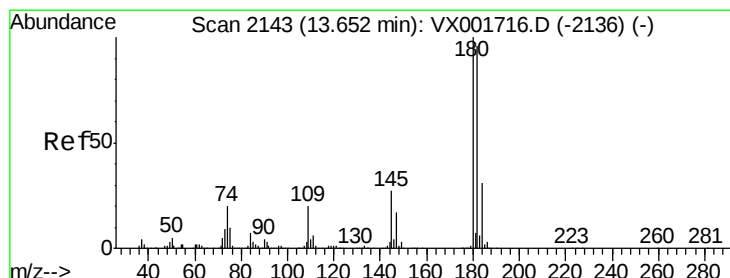
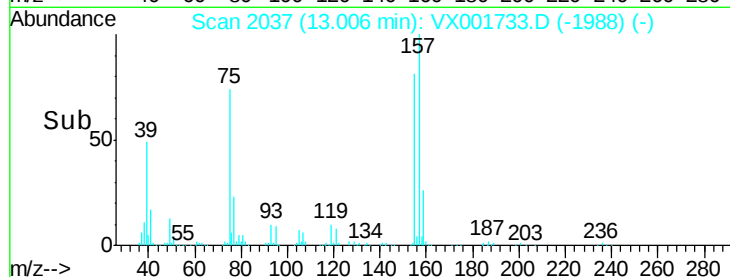
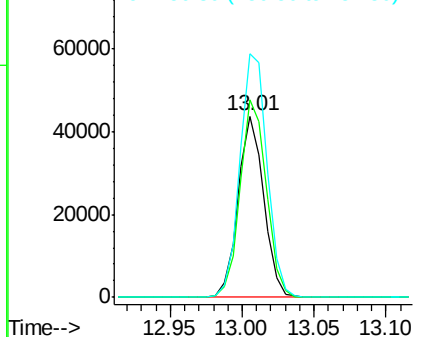
MMDadoda
 5/16/2018 11:54:13 AM



Abundance Ion 74.90 (74.60 to 75.60): VX001733.D (-1988) (-)

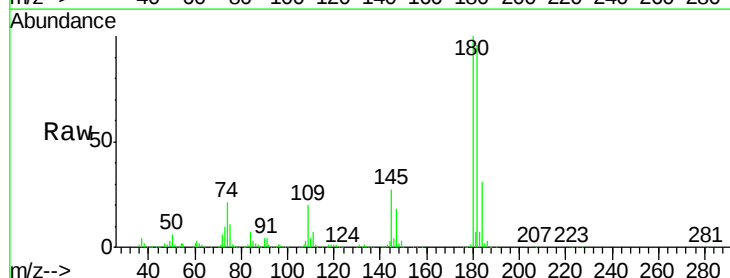
Ion 154.80 (154.50 to 155.50): VX001733.D (-1988) (-)

Ion 156.80 (156.50 to 157.50): VX001733.D (-1988) (-)



#93
 1,2,4-Trichlorobenzene
 Concen: 49.43 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

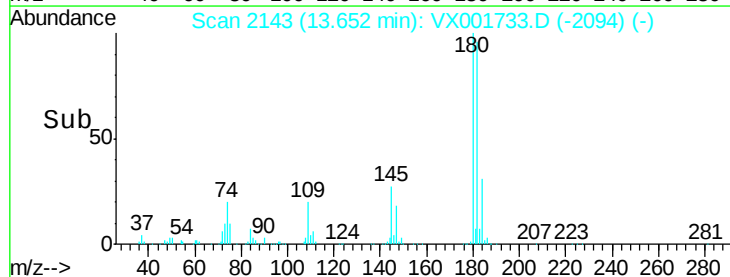
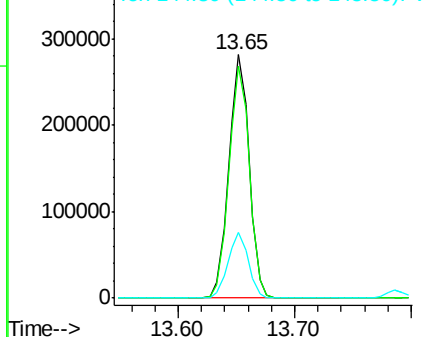
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.6	142.9
145	27.0	13.4	40.1

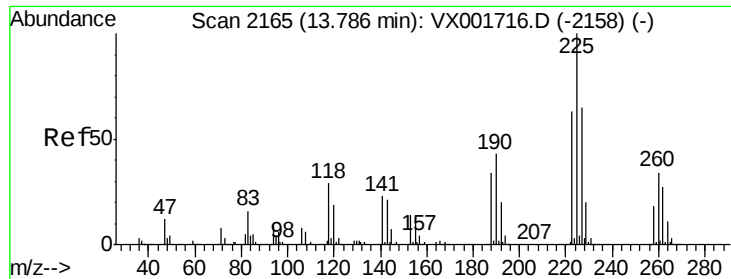


Abundance Ion 179.80 (179.50 to 180.50): VX001733.D (-2094) (-)

Ion 181.80 (181.50 to 182.50): VX001733.D (-2094) (-)

Ion 144.80 (144.50 to 145.50): VX001733.D (-2094) (-)





#94

Hexachlorobutadiene

Concen: 45.32 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX001733.D

Acq: 15 May 2018 02:16

Instrument :

MSVOA_X

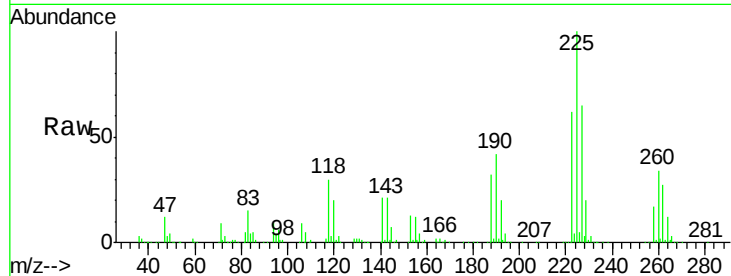
ClientSampleId :

MW-03MSD

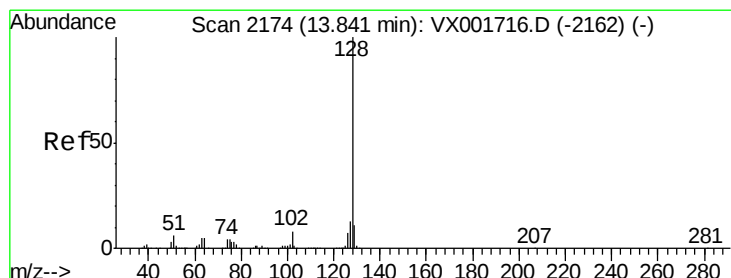
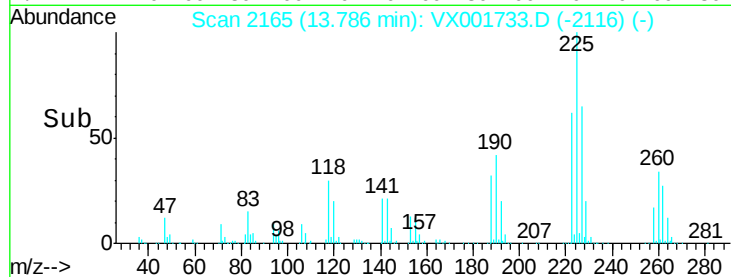
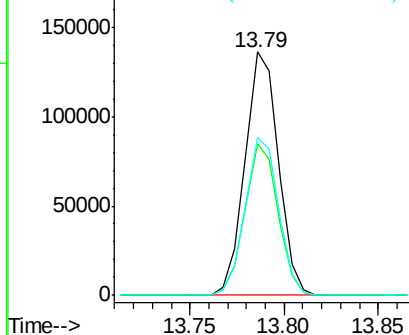
Tot Ion:	225	Resp:	167771
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.1	93.5
227	64.8	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
5/16/2018 11:54:13 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 53.33 ug/l

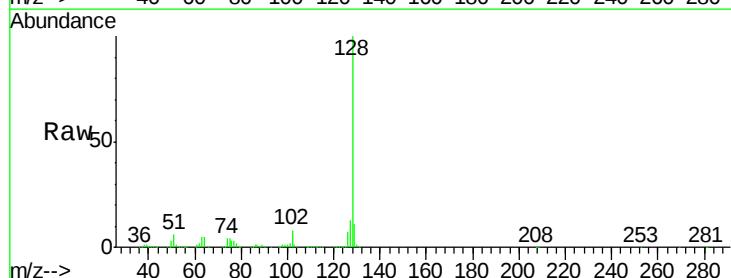
RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

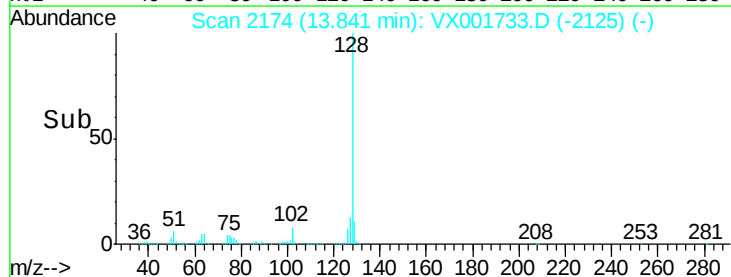
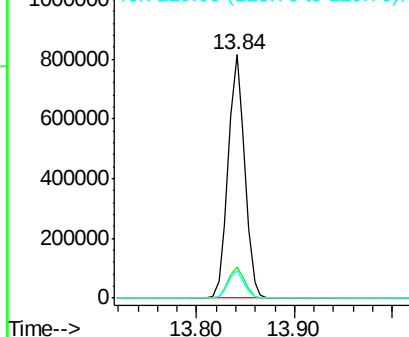
Lab File: VX001733.D

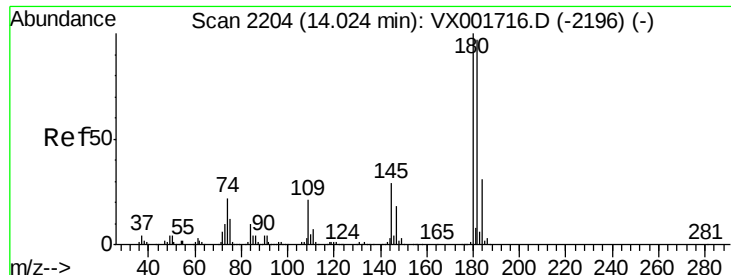
Acq: 15 May 2018 02:16

Tgt Ion:	128	Resp:	955894
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





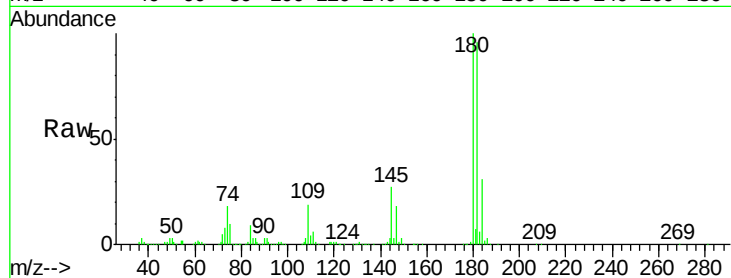
#96
 1,2,3-Trichlorobenzene
 Concen: 49.78 ug/l
 RT: 14.03 min Scan# 2205
 Delta R.T. 0.01 min
 Lab File: VX001733.D
 Acq: 15 May 2018 02:16

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03MSD

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.0	47.9	143.7
145	28.3	14.2	42.8

Manual Integrations
 APPROVED

MMDadoda
 5/16/2018 11:54:13 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

