

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001476.D
 Acq On : 07 May 2018 19:47
 Operator : JC/MD
 Sample : J2659-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM

Quant Time: May 08 07:12:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310033	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298591	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	217802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171022	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.51	113	139526	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
50) Toluene-d8	8.72	98	505810	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	192981	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160454	50.23	ug/l	100
3) Chloromethane	1.32	50	156197	50.21	ug/l	99
4) Vinyl Chloride	1.40	62	161751	49.82	ug/l	100
5) Bromomethane	1.64	94	82011	55.57	ug/l	99
6) Chloroethane	1.72	64	109945	51.23	ug/l	98
7) Trichlorofluoromethane	1.93	101	252106	51.59	ug/l	100
8) Diethyl Ether	2.19	74	97672	51.00	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	141785	49.49	ug/l	100
10) Methyl Iodide	2.51	142	217394	52.59	ug/l	100
11) Tert butyl alcohol	3.09	59	202408	281.46	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134992	51.41	ug/l	99
13) Acrolein	2.30	56	37272	263.55	ug/l	97
14) Allyl chloride	2.73	41	255511	52.19	ug/l	99
15) Acrylonitrile	3.15	53	434382	267.31	ug/l	100
16) Acetone	2.45	43	397365	256.57	ug/l	99
17) Carbon Disulfide	2.57	76	330548	49.46	ug/l	100
18) Methyl Acetate	2.78	43	215704	53.01	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479401	52.44	ug/l	100
20) Methylene Chloride	2.86	84	154470	50.37	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	144589	49.34	ug/l	99
22) Diisopropyl ether	3.88	45	471686	51.56	ug/l	100
23) Vinyl Acetate	3.83	43	1909595	250.48	ug/l	100
24) 1,1-Dichloroethane	3.70	63	254942	49.89	ug/l	99
25) 2-Butanone	4.72	43	596970	266.65	ug/l	98
26) 2,2-Dichloropropane	4.59	77	185938	47.12	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	159381	51.07	ug/l	96
28) Bromochloromethane	5.03	49	115567	52.16	ug/l	99
29) Tetrahydrofuran	5.18	42	385846	269.37	ug/l	100
30) Chloroform	5.22	83	278964	53.00	ug/l	98
31) Cyclohexane	5.58	56	220117	50.15	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	247801	53.87	ug/l	99
36) 1,1-Dichloropropene	5.80	75	197362	50.04	ug/l	99
37) Ethyl Acetate	4.87	43	215608	49.87	ug/l	100
38) Carbon Tetrachloride	5.79	117	222430	52.88	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001476.D
 Acq On : 07 May 2018 19:47
 Operator : JC/MD
 Sample : J2659-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM

Quant Time: May 08 07:12:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	229066	49.13	ug/l	99
40) Benzene	6.15	78	598782	51.98	ug/l	100
41) Methacrylonitrile	5.07	41	127538	51.56	ug/l	100
42) 1,2-Dichloroethane	6.21	62	234524	52.97	ug/l	99
43) Isopropyl Acetate	6.48	43	345312	52.03	ug/l	99
44) Trichloroethene	7.22	130	189307	53.77	ug/l	99
45) 1,2-Dichloropropane	7.52	63	147905	51.50	ug/l	98
46) Dibromomethane	7.66	93	106167	52.22	ug/l	100
47) Bromodichloromethane	7.91	83	205314	54.57	ug/l	99
48) Methyl methacrylate	7.79	41	193635	53.59	ug/l	99
49) 1,4-Dioxane	7.76	88	89343	1144.37	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1221651	277.02	ug/l	99
52) Toluene	8.79	92	395936	52.57	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	228213	53.67	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	216074	49.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162347	53.50	ug/l	97
56) Ethyl methacrylate	9.19	69	238654	54.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	263465	52.51	ug/l	99
59) 2-Hexanone	9.51	43	936478	277.31	ug/l	100
60) Dibromochloromethane	9.59	129	172924	55.65	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169945	53.34	ug/l	100
64) Tetrachloroethene	9.34	164	221843	53.30	ug/l	99
65) Chlorobenzene	10.15	112	451573	51.57	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	170935	54.57	ug/l	100
67) Ethyl Benzene	10.26	91	747787	52.10	ug/l	100
68) m/p-Xylenes	10.37	106	605548	106.77	ug/l	100
69) o-Xylene	10.71	106	293731	53.29	ug/l	99
70) Styrene	10.72	104	488244	54.53	ug/l	99
71) Bromoform	10.86	173	143680	47.86	ug/l	99
73) Isopropylbenzene	11.02	105	786278	52.15	ug/l	100
74) N-amyl acetate	6.48	43	345312	50.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231478	51.98	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	231438m	52.39	ug/l	
77) Bromobenzene	11.26	156	223752	51.04	ug/l	99
78) n-propylbenzene	11.37	91	870993	53.05	ug/l	100
79) 2-Chlorotoluene	11.43	91	524310	51.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	662432	52.77	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	62812	45.74	ug/l	98
82) 4-Chlorotoluene	11.52	91	610275	52.36	ug/l	100
83) tert-Butylbenzene	11.77	119	645474	51.68	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	686714	53.22	ug/l	100
85) sec-Butylbenzene	11.95	105	797184	53.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	735604	53.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	398639	50.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	405180	50.70	ug/l	100
89) n-Butylbenzene	12.39	91	589427	51.72	ug/l	100
90) Hexachloroethane	12.60	117	111906	54.04	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	410621	51.51	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55498	56.72	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	301450	51.67	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
Data File : VX001476.D
Acq On : 07 May 2018 19:47
Operator : JC/MD
Sample : J2659-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM

Quant Time: May 08 07:12:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	154718	48.47	ug/l	99
95) Naphthalene	13.84	128	889731	55.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	313356	52.35	ug/l	99

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

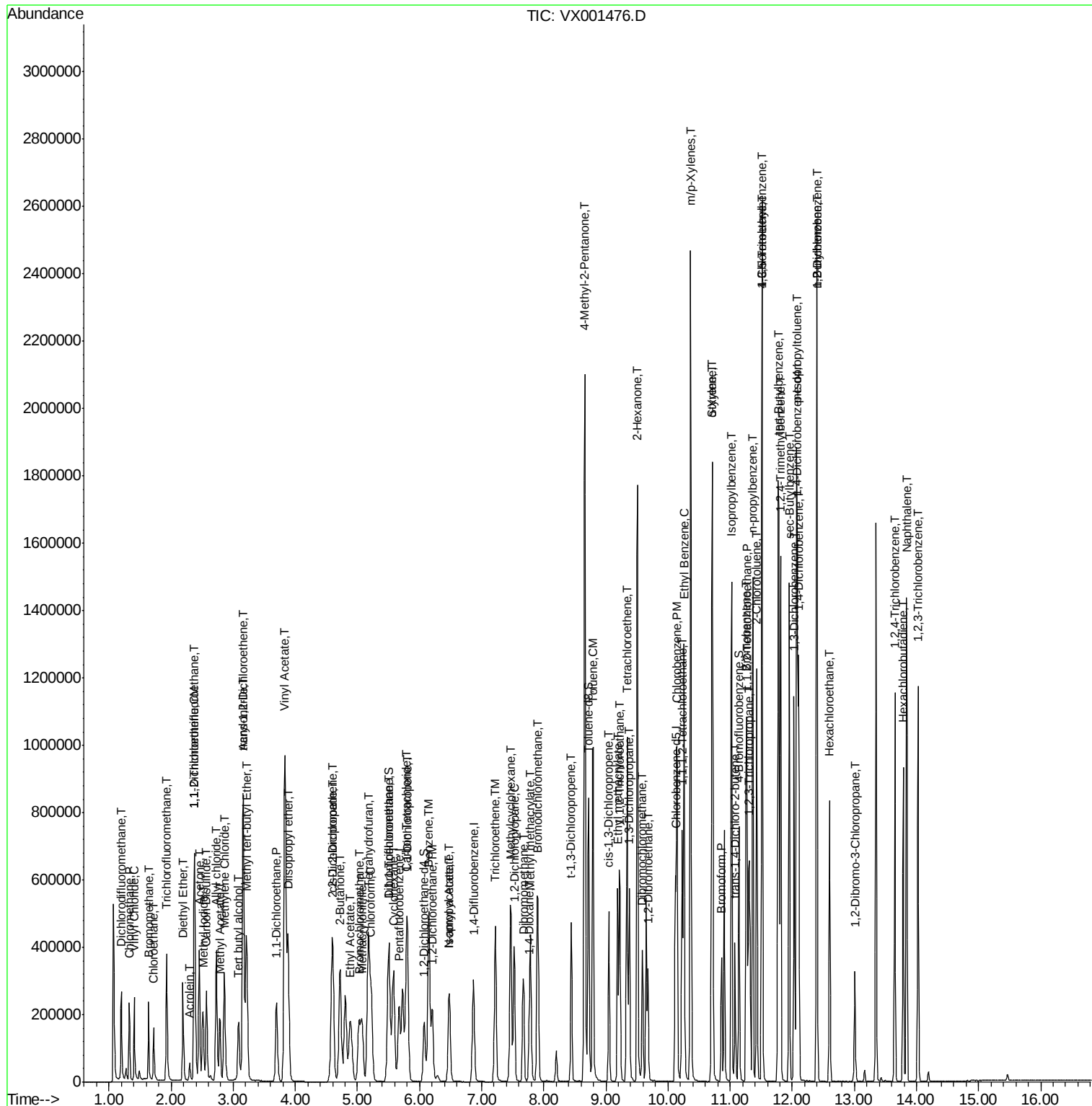
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
Data File : VX001476.D
Acq On : 07 May 2018 19:47
Operator : JC/MD
Sample : J2659-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

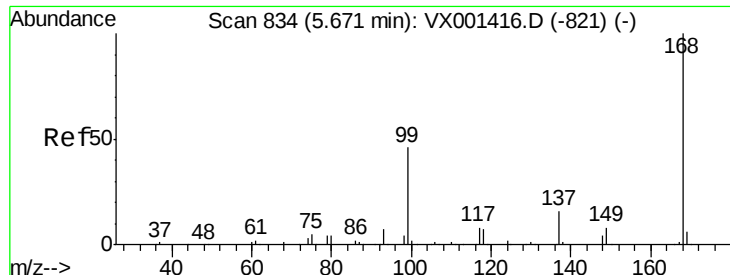
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Manual Integrations APPROVED

MMDadoda
5/9/2018 5:47:33 PM

Quant Time: May 08 07:12:12 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:168 Resp: 237304

Ion Ratio Lower Upper

168 100

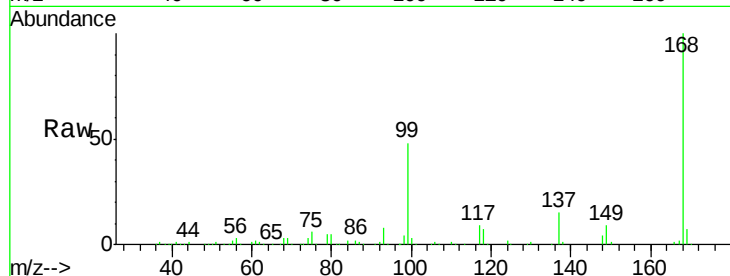
99 47.7 36.6 54.8

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM

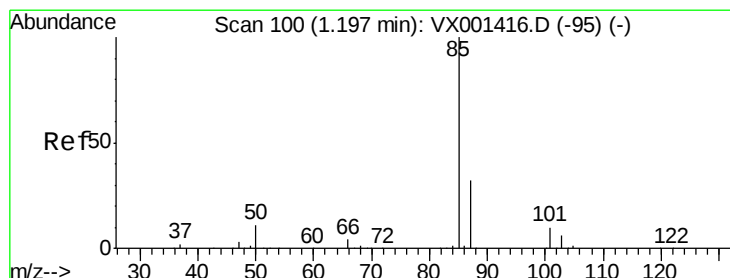
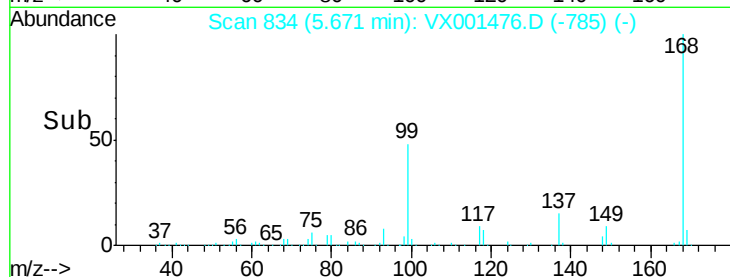


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 50.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001476.D

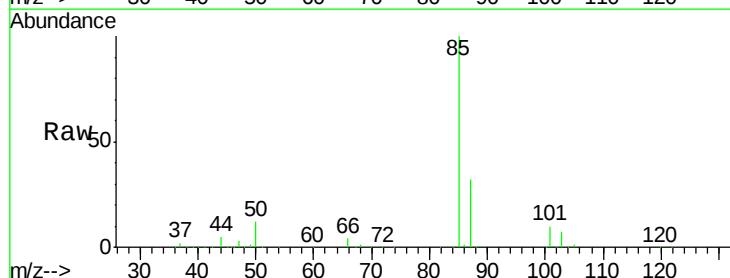
Acq: 07 May 2018 19:47

Tgt Ion: 85 Resp: 160454

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.6

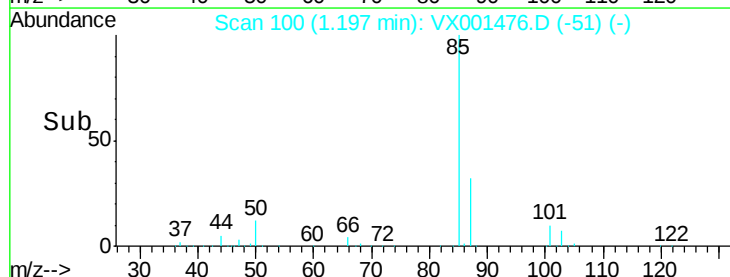


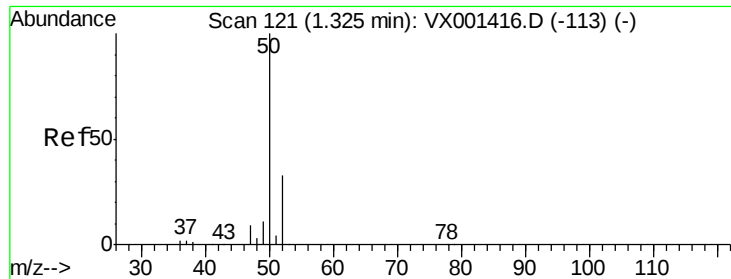
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 50.21 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 50 Resp: 156197

Ion Ratio Lower Upper

50 100

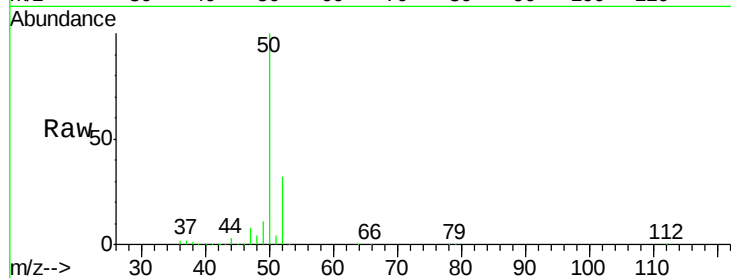
52 32.3 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

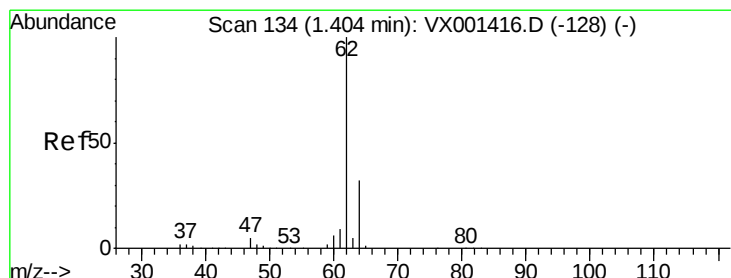
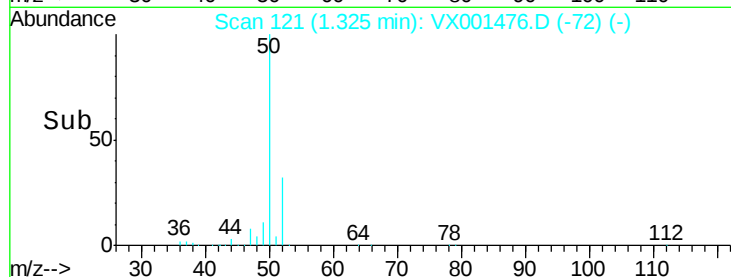
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 49.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001476.D

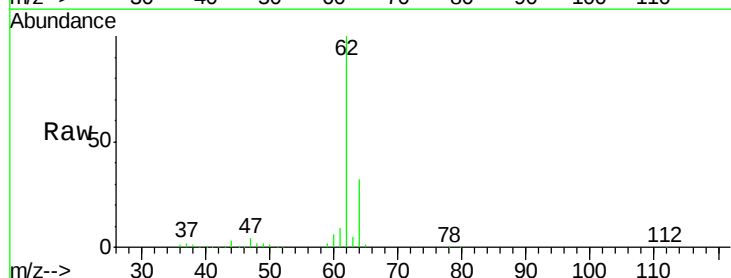
Acq: 07 May 2018 19:47

Tgt Ion: 62 Resp: 161751

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

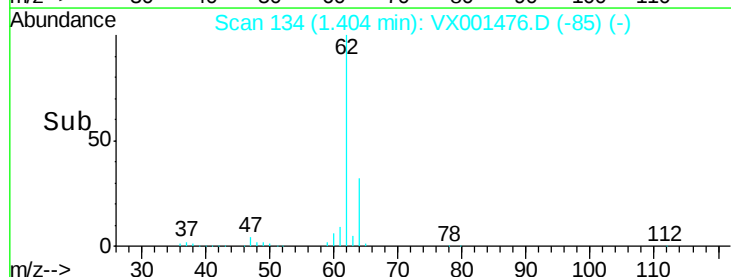
150000

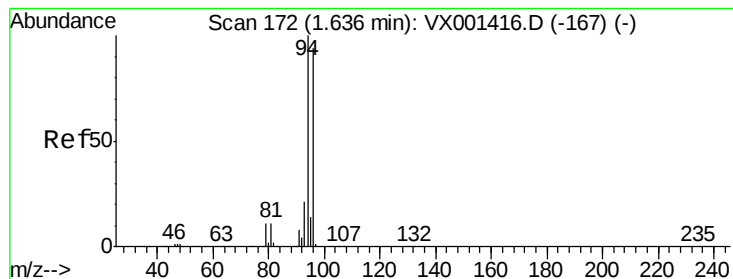
100000

50000

0

Time-->





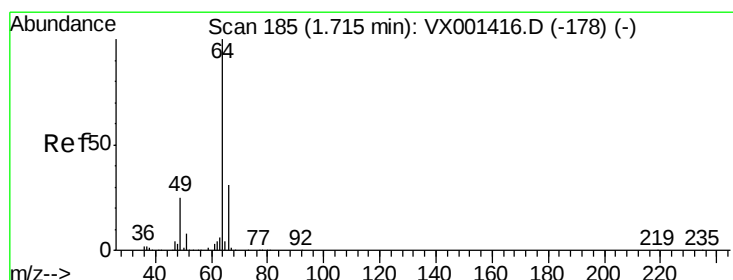
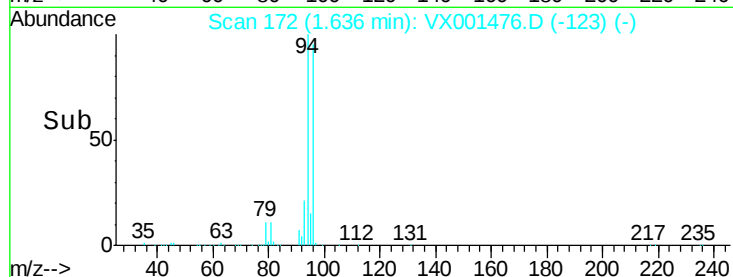
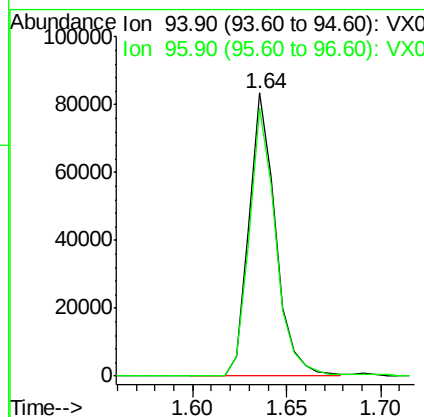
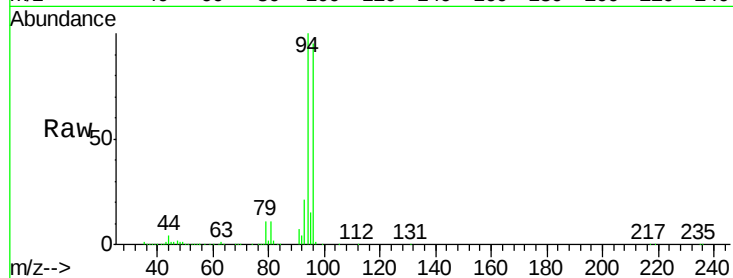
#5
Bromomethane
Concen: 55.57 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
94	100		
96	94.5	75.0	112.6

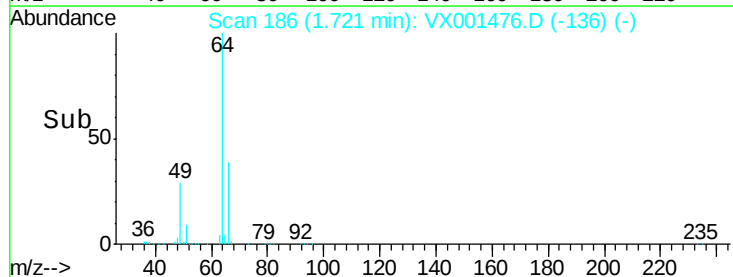
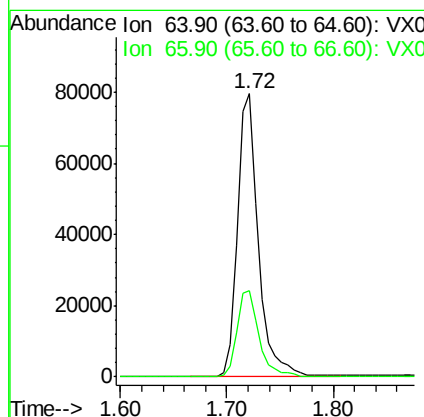
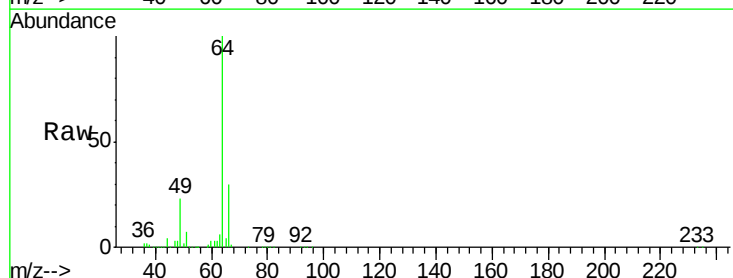
Manual Integrations
APPROVED

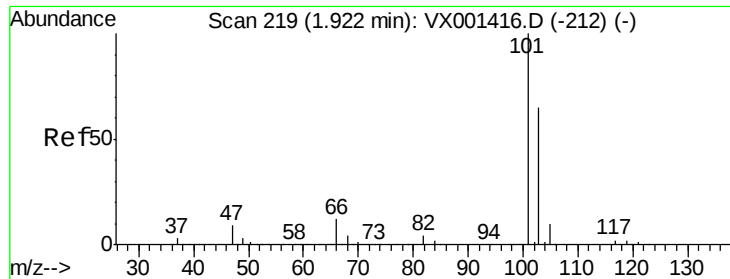
MMDadoda
5/9/2018 5:47:33 PM



#6
Chloroethane
Concen: 51.23 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
64	100		
66	30.2	25.1	37.7





#7

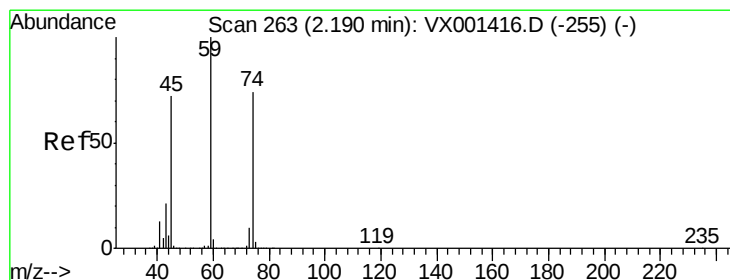
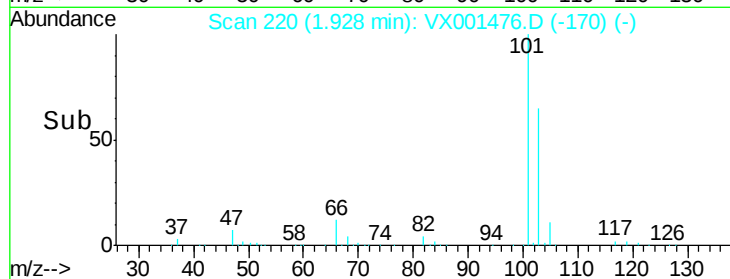
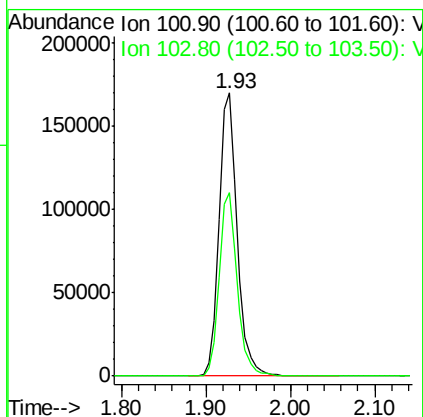
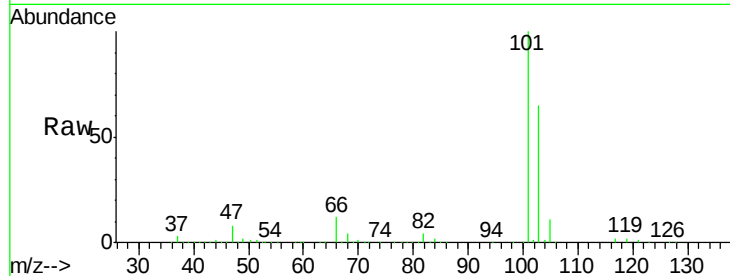
Trichlorofluoromethane
 Concen: 51.59 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.0	78.0

Manual Integrations
 APPROVED

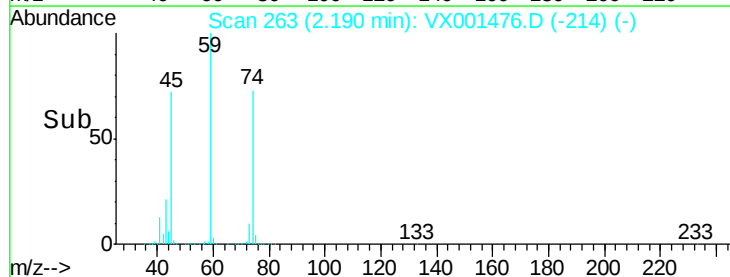
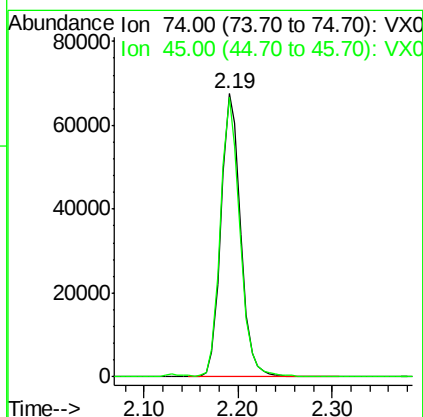
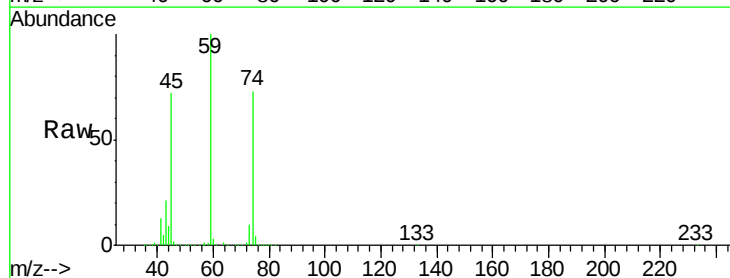
MMDadoda
 5/9/2018 5:47:33 PM

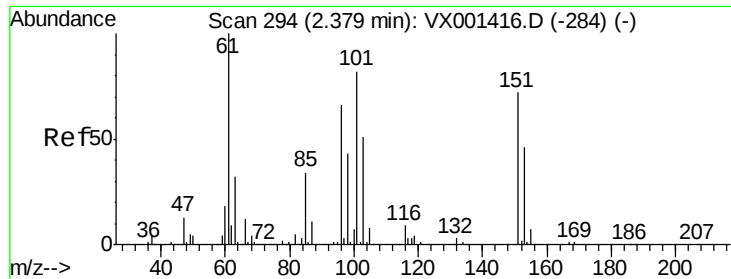


#8

Diethyl Ether
 Concen: 51.00 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	47.9	143.6





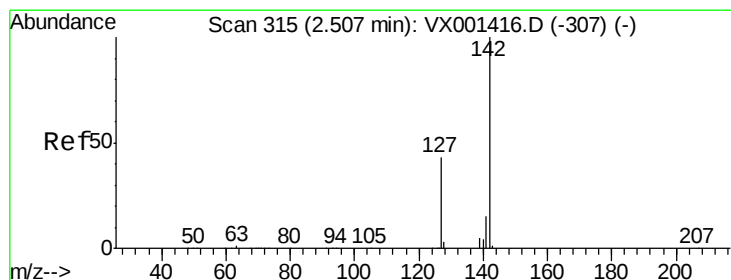
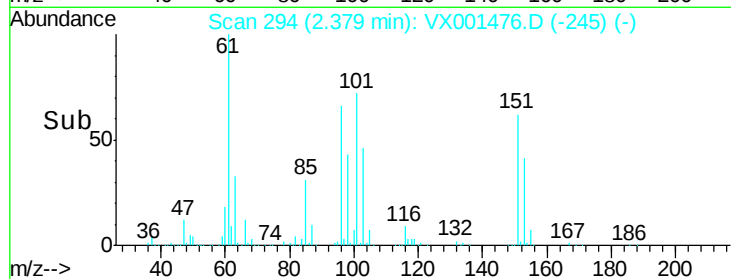
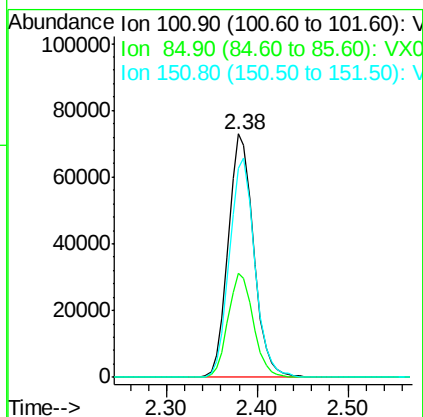
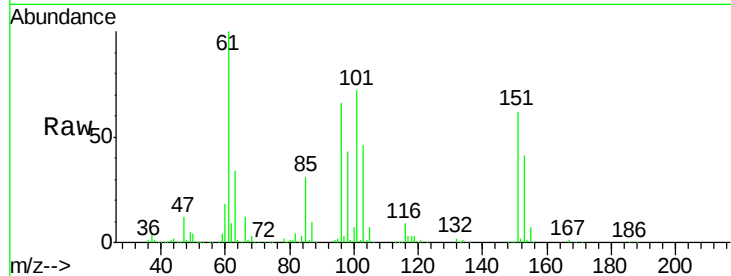
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.49 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	141785		
85	42.5	33.7	50.5	
151	90.0	72.3	108.5	

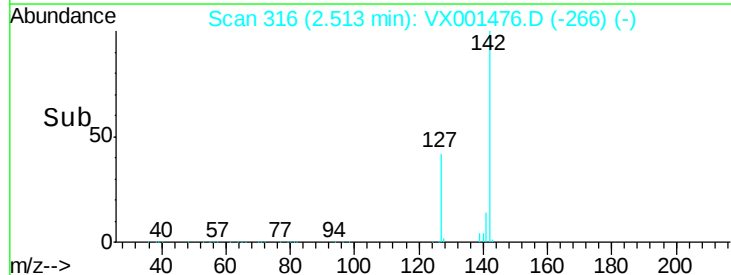
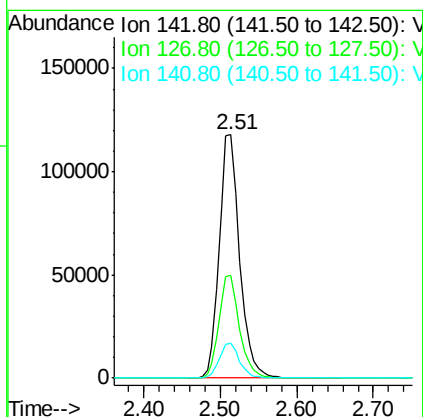
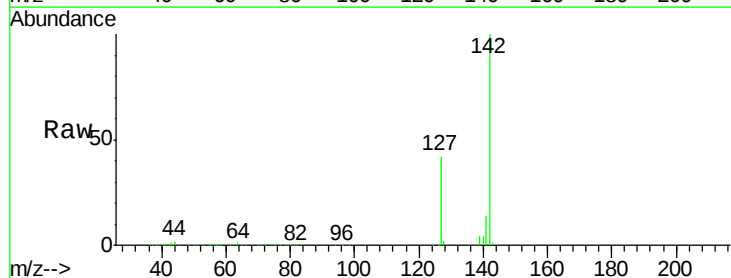
Manual Integrations
APPROVED

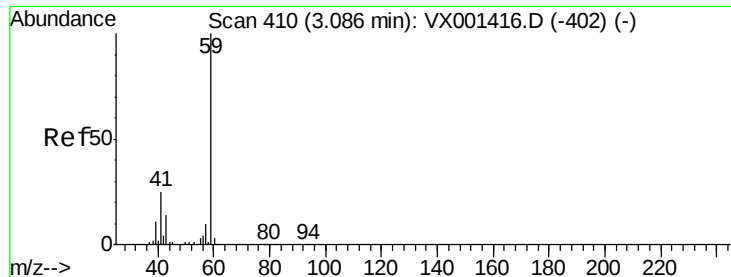
MMDadoda
5/9/2018 5:47:33 PM



#10
Methyl Iodide
Concen: 52.59 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	217394		
127	42.3	33.6	50.4	
141	14.5	11.4	17.2	





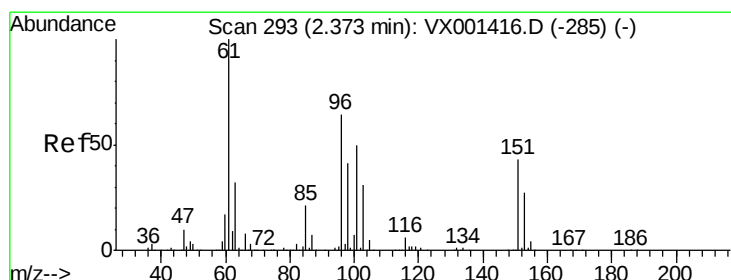
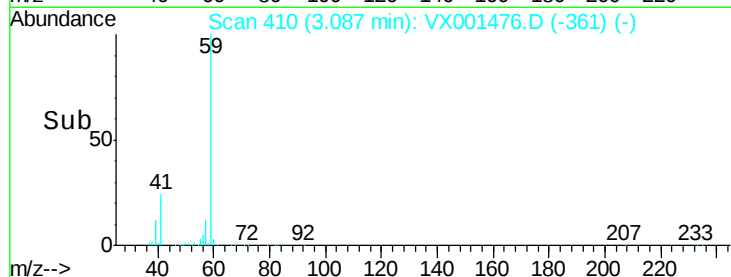
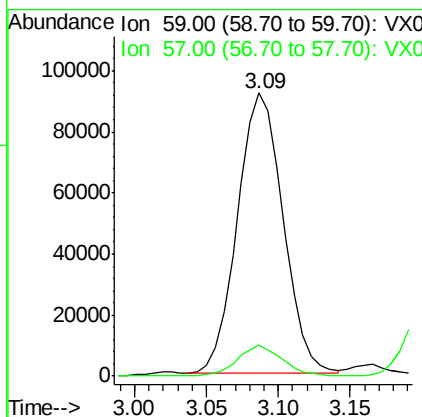
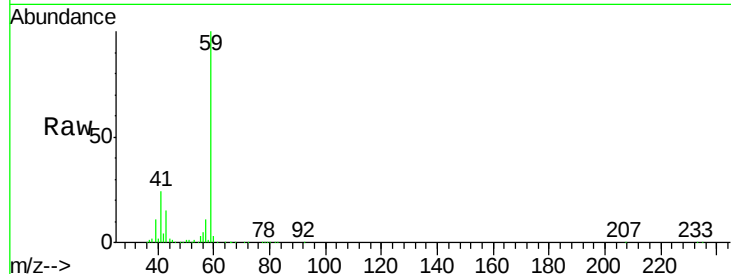
#11
Tert butyl alcohol
Concen: 281.46 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4

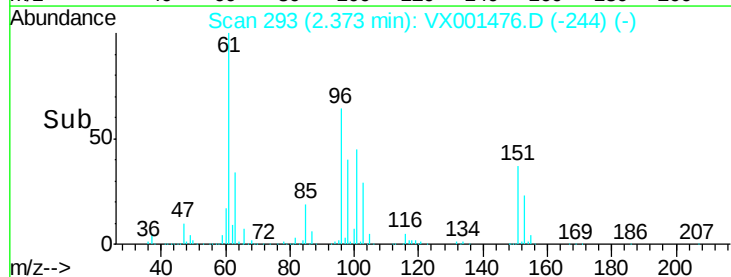
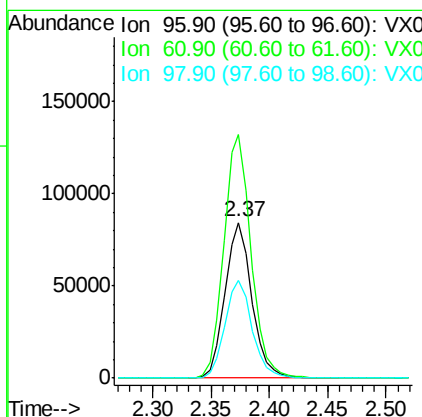
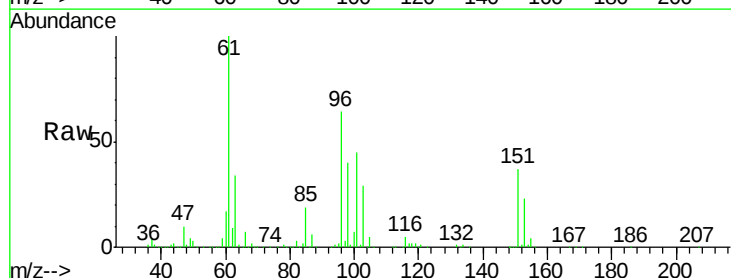
Manual Integrations
APPROVED

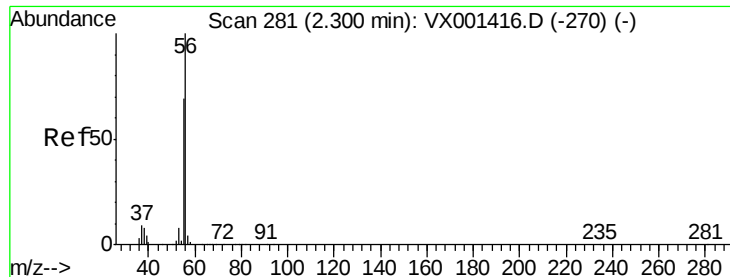
MMDadoda
5/9/2018 5:47:33 PM



#12
1,1-Dichloroethene
Concen: 51.41 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	125.7	188.5
98	62.8	52.0	78.0





#13

Acrolein

Concen: 263.55 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 56 Resp: 37272

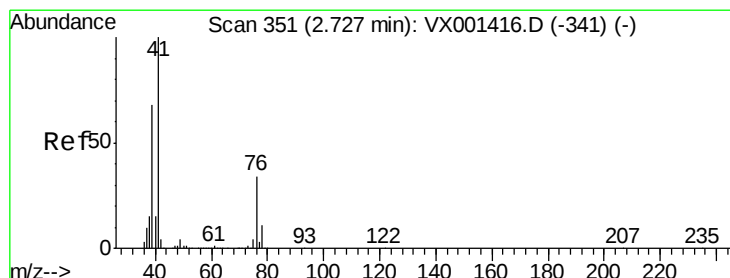
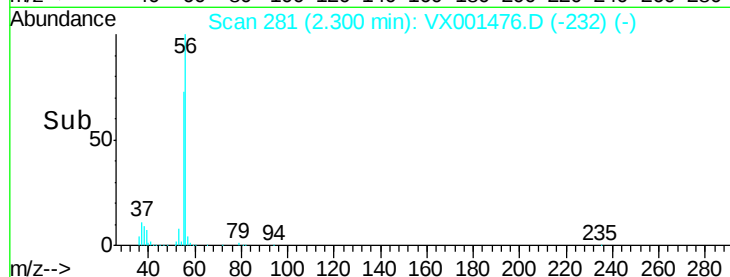
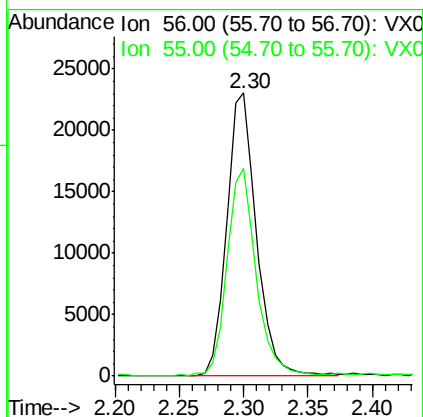
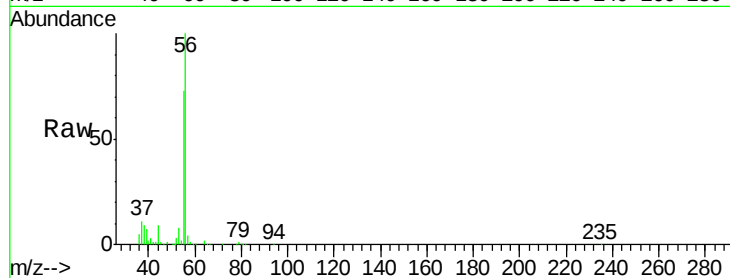
Ion Ratio Lower Upper

56 100

55 70.9 54.5 81.7

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#14

Allyl chloride

Concen: 52.19 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

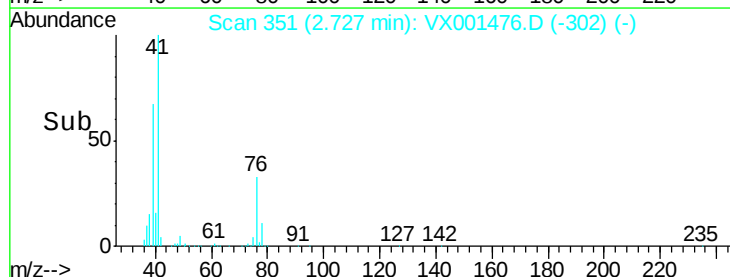
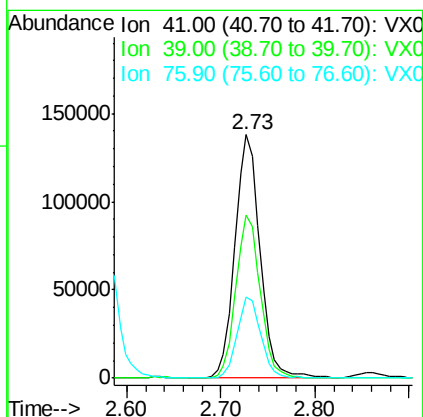
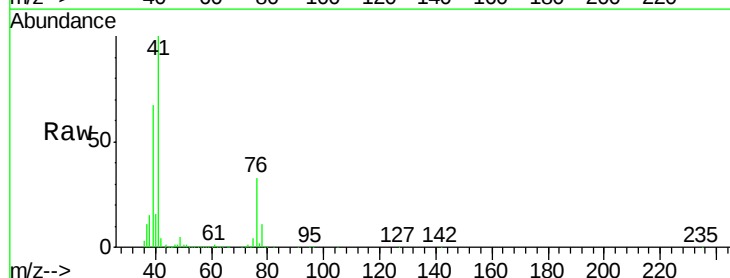
Tgt Ion: 41 Resp: 255511

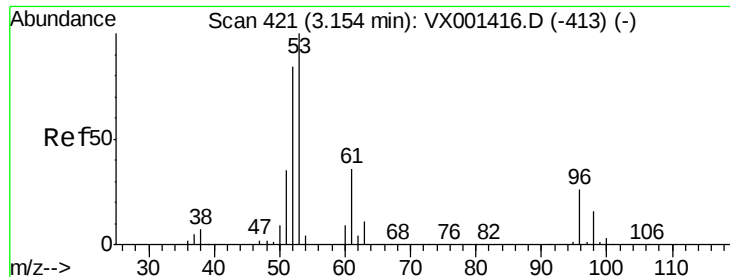
Ion Ratio Lower Upper

41 100

39 65.0 52.4 78.6

76 31.7 25.8 38.6





#15

Acrylonitrile

Concen: 267.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

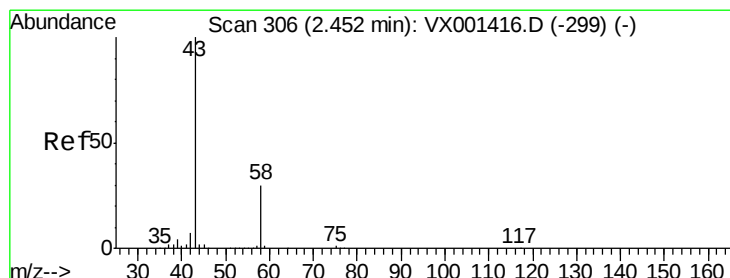
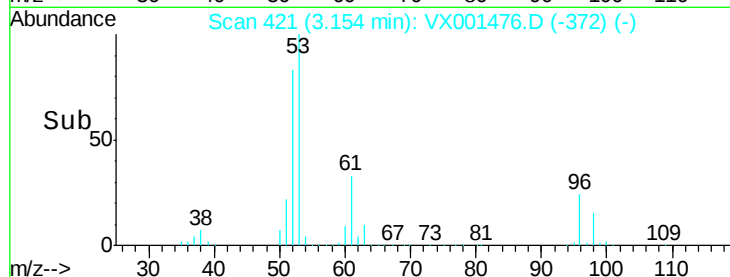
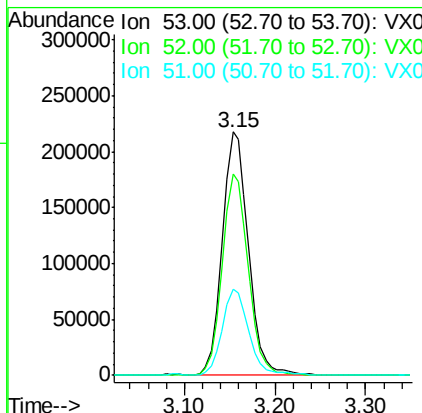
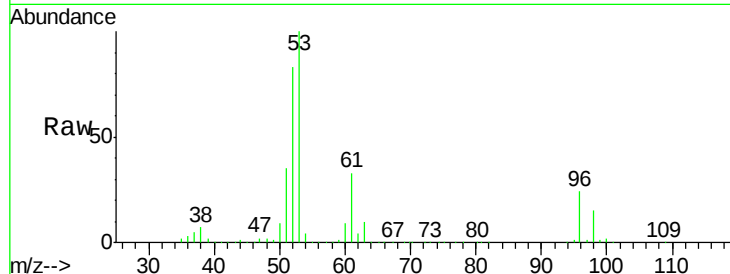
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	53	Resp:	434382
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.2	99.2
51	36.4	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#16

Acetone

Concen: 256.57 ug/l

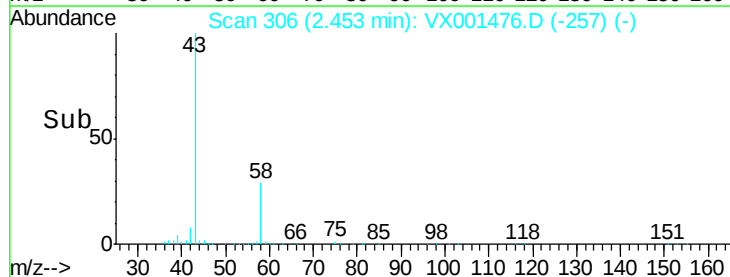
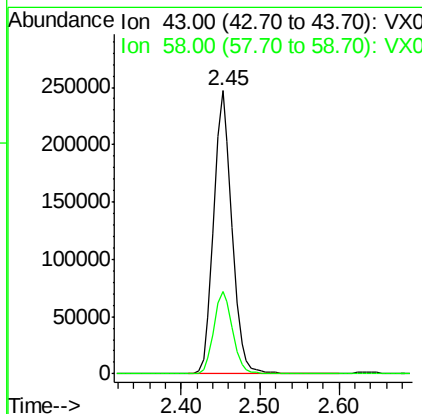
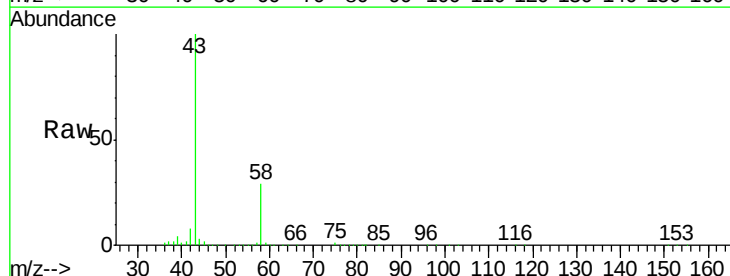
RT: 2.45 min Scan# 306

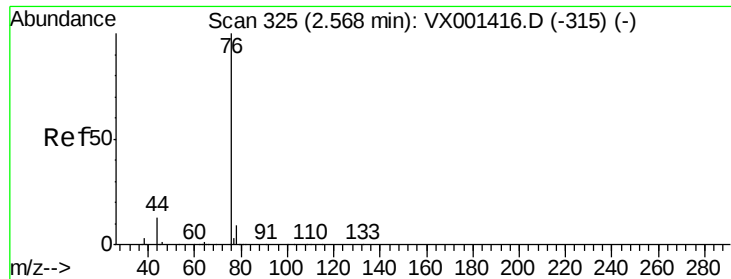
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	43	Resp:	397365
Ion Ratio		Lower	Upper
43	100		
58	29.2	23.8	35.8





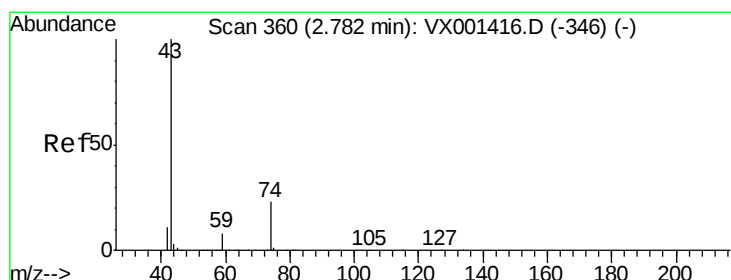
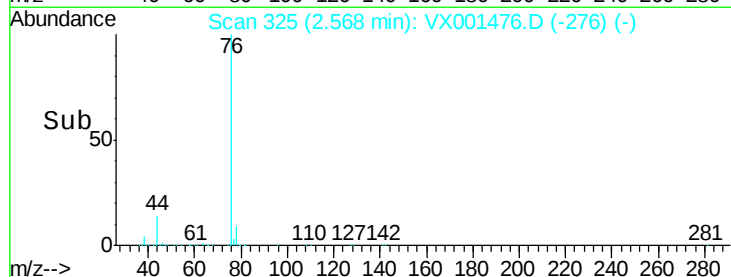
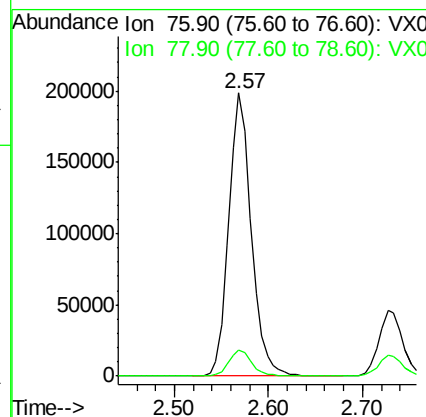
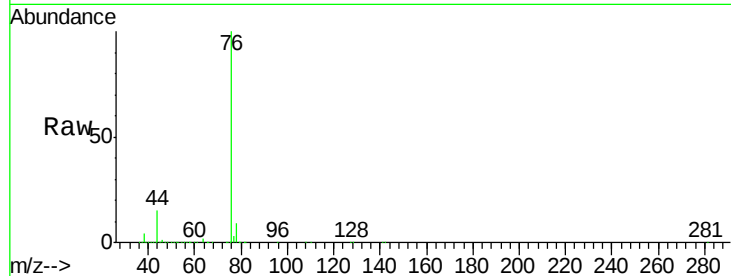
#17
Carbon Disulfide
Concen: 49.46 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30312-20180428MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

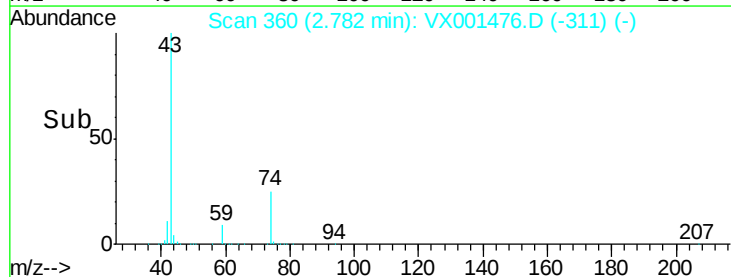
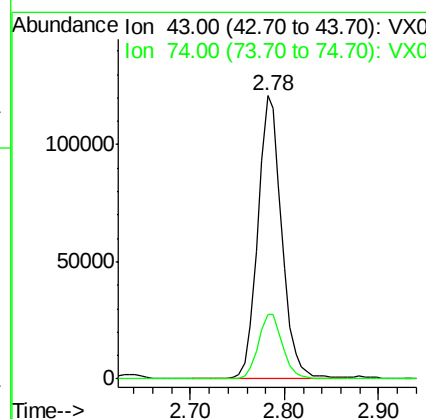
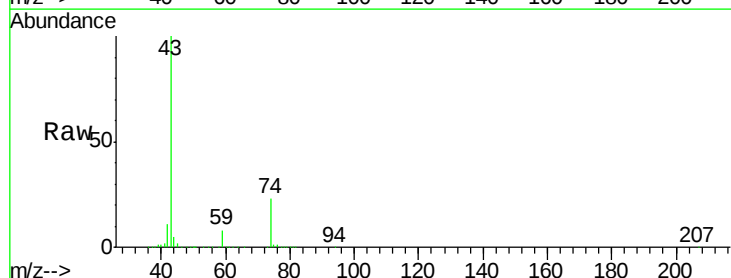
Manual Integrations
APPROVED

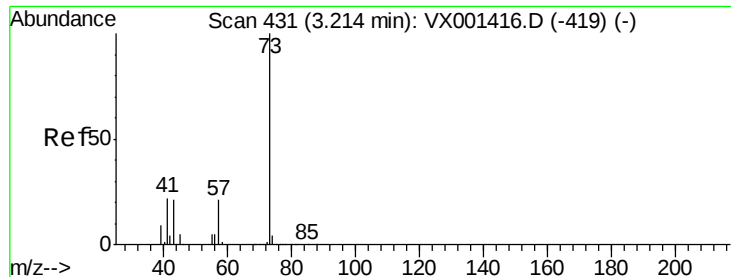
MMDadoda
5/9/2018 5:47:33 PM



#18
Methyl Acetate
Concen: 53.01 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.6	27.8





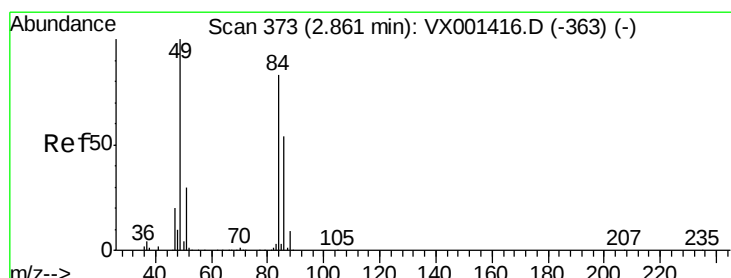
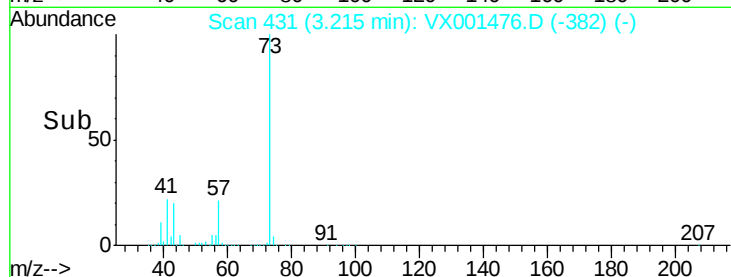
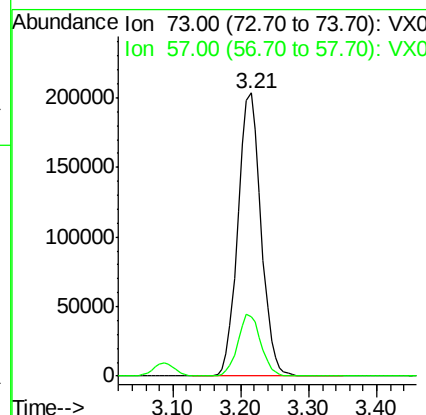
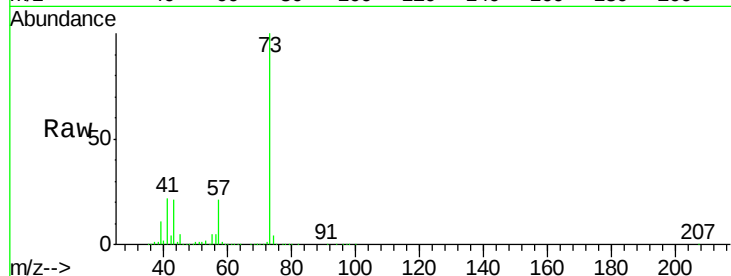
#19
Methvl tert-butvl Ether
Concen: 52.44 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion: 73 Resp: 479401
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6

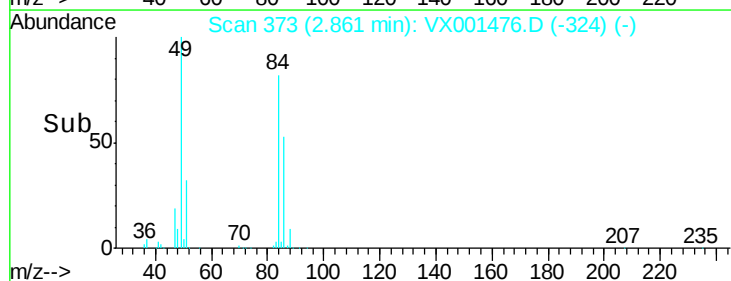
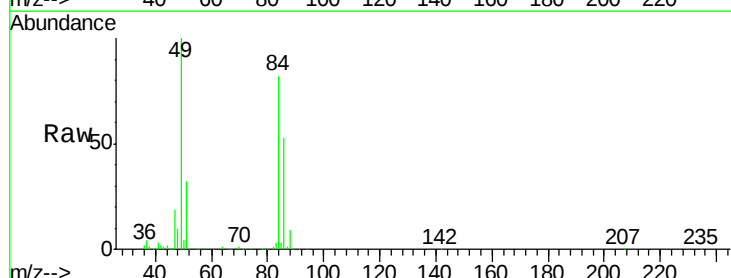
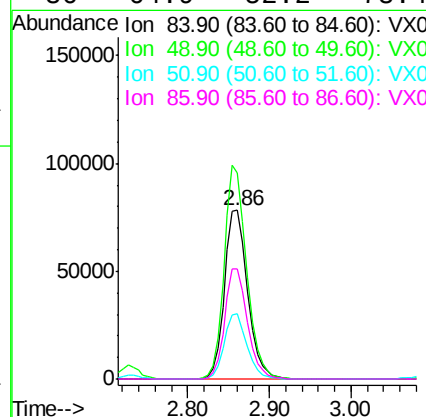
Manual Integrations
APPROVED

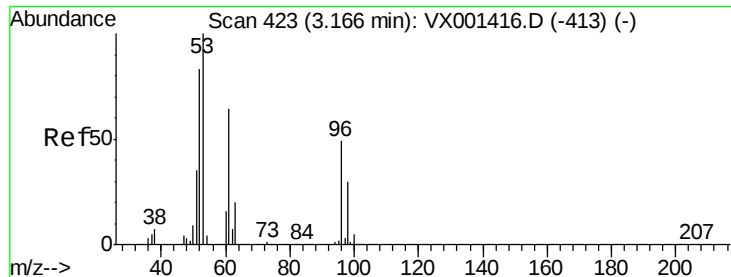
MMDadoda
5/9/2018 5:47:33 PM



#20
Methylene Chloride
Concen: 50.37 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion: 84 Resp: 154470
Ion Ratio Lower Upper
84 100
49 122.0 96.6 144.8
51 38.5 29.0 43.4
86 64.9 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 49.34 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

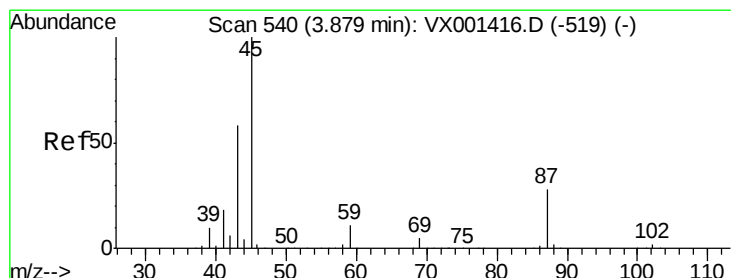
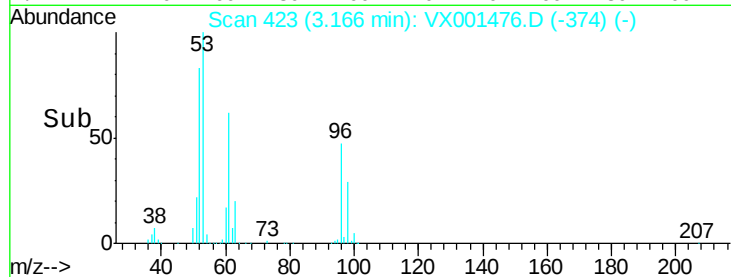
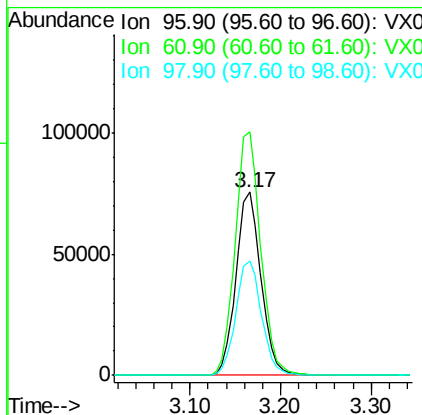
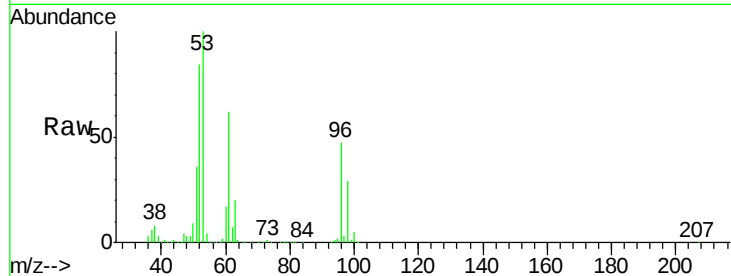
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	96	Resp:	144589
Ion	Ratio	Lower	Upper
96	100		
61	132.9	105.0	157.4
98	62.4	49.9	74.9

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#22

Diisopropyl ether

Concen: 51.56 ug/l

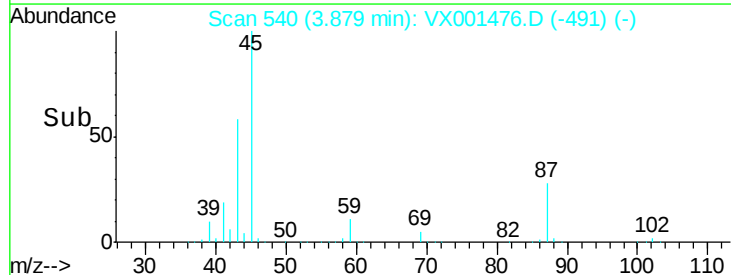
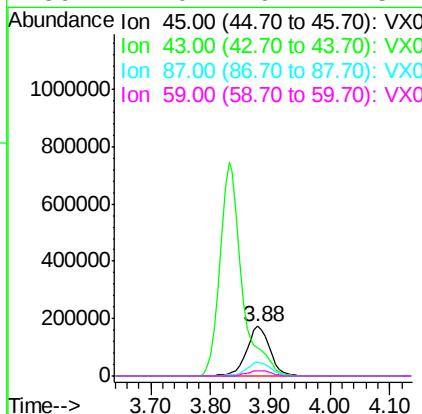
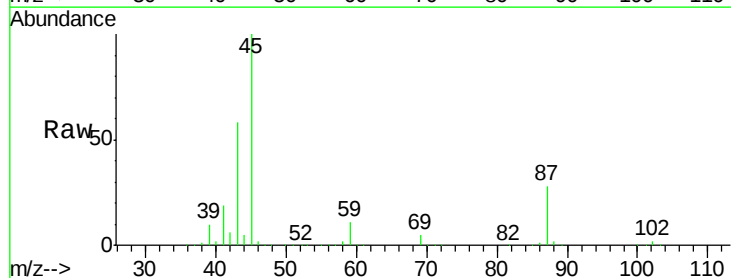
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	45	Resp:	471686
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.5	69.7
87	28.0	22.6	34.0
59	11.0	9.1	13.7





#23

Vinyl Acetate

Concen: 250.48 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30312-20180428MS

Tot Ion: 43 Resp: 1909595

Ion Ratio Lower Upper

43 100

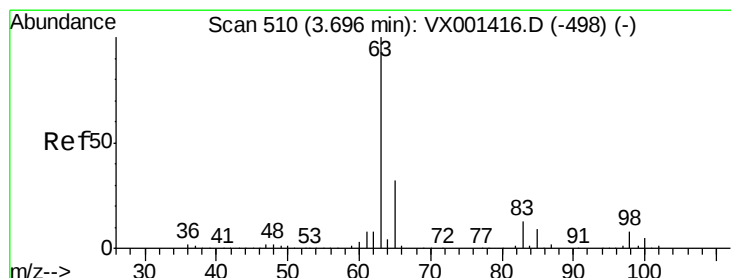
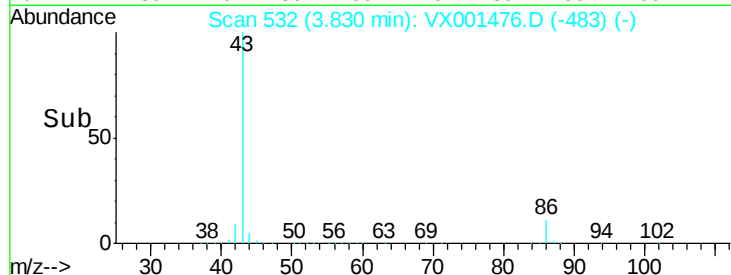
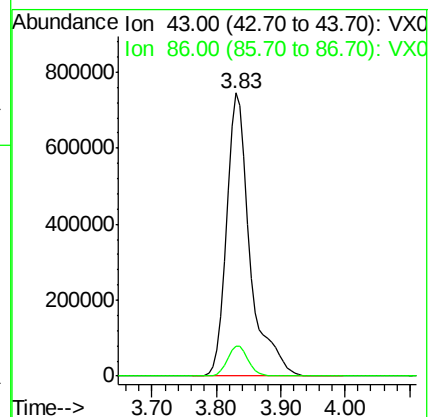
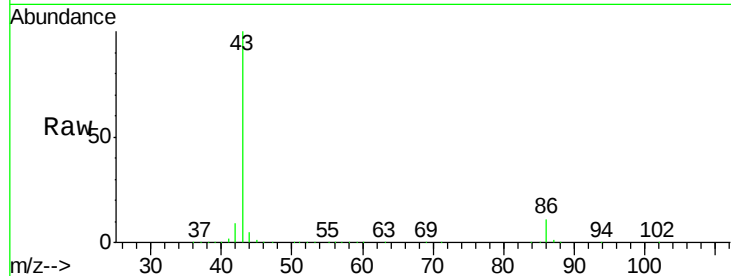
86 10.8 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



#24

1,1-Dichloroethane

Concen: 49.89 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

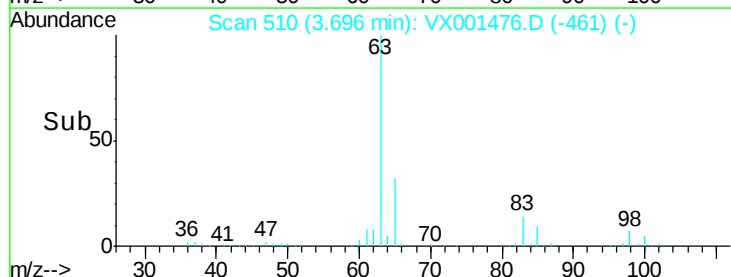
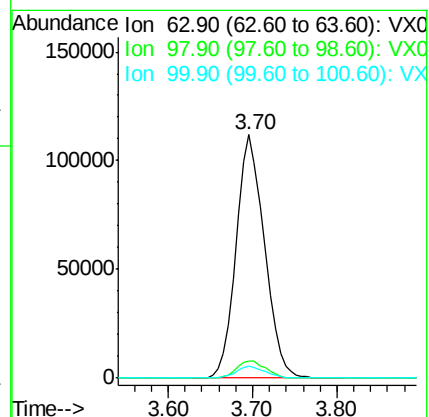
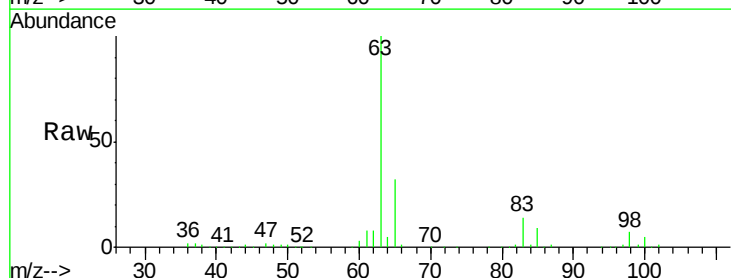
Tgt Ion: 63 Resp: 254942

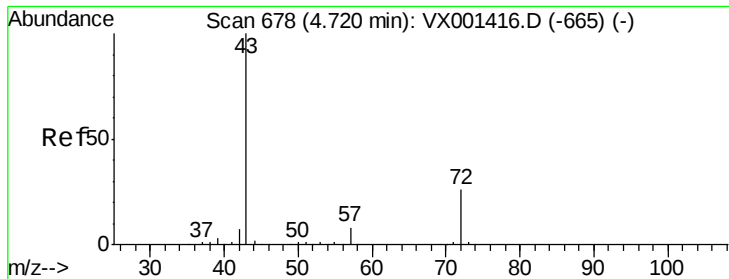
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 266.65 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 43 Resp: 596970

Ion Ratio Lower Upper

43 100

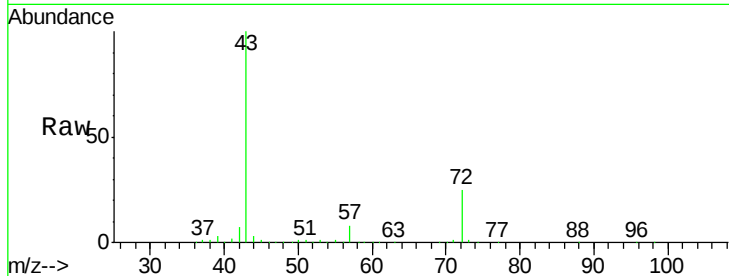
72 24.7 20.7 31.1

Manual Integrations

APPROVED

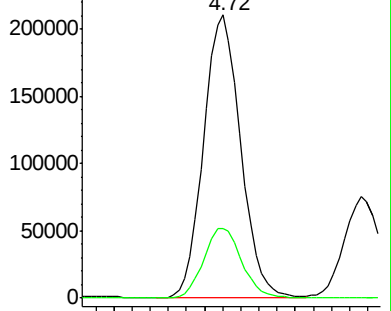
MMDadoda

5/9/2018 5:47:33 PM

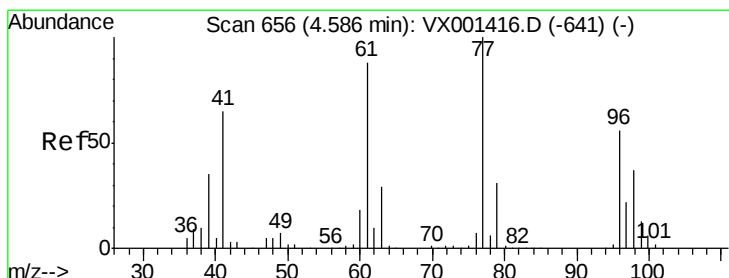
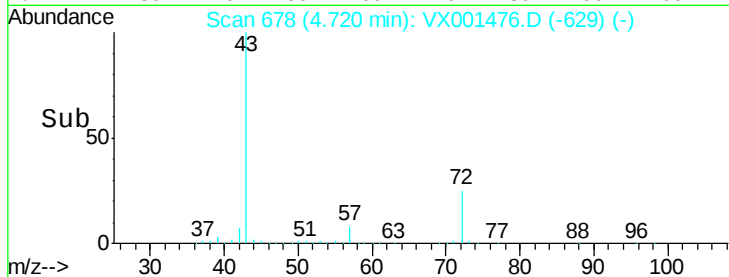


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 47.12 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001476.D

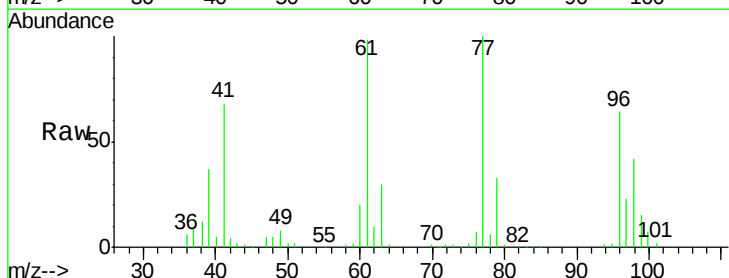
Acq: 07 May 2018 19:47

Tgt Ion: 77 Resp: 185938

Ion Ratio Lower Upper

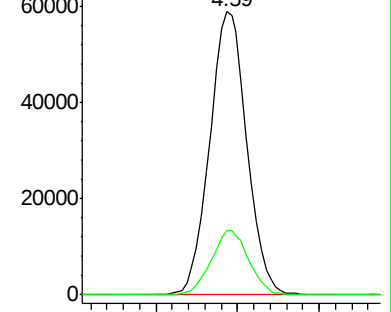
77 100

97 23.1 11.2 33.6

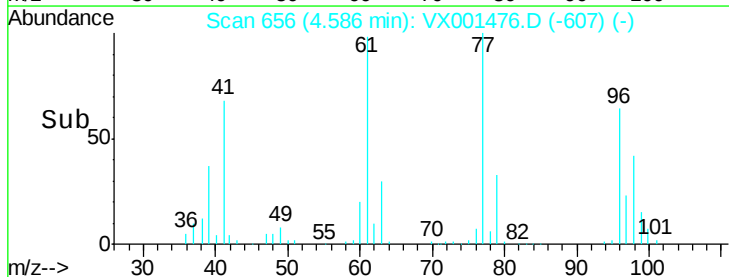


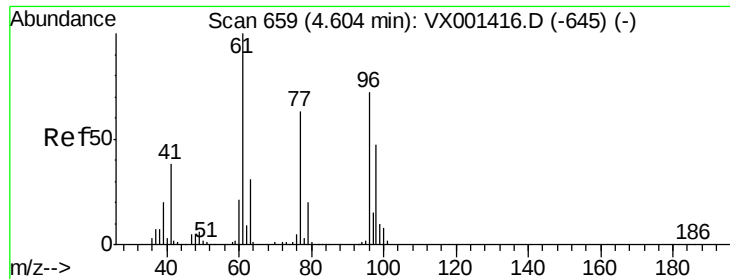
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

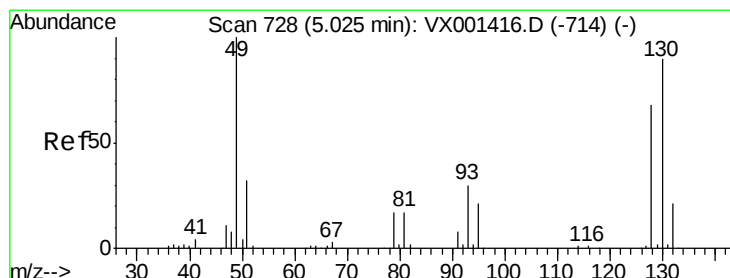
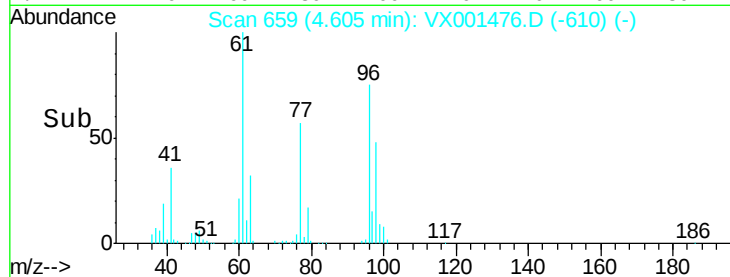
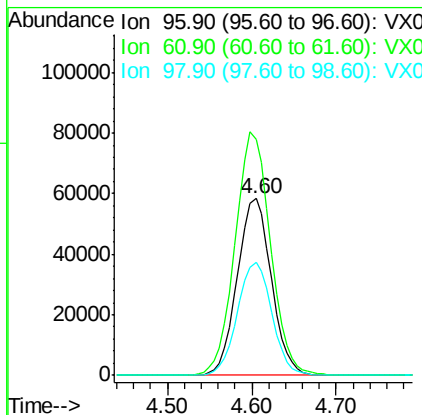
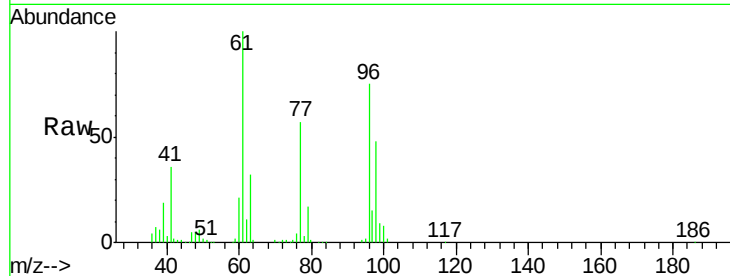
cis-1,2-Dichloroethene
 Concen: 51.07 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	159381		
61	144.1	0.0	301.6	
98	64.7	0.0	131.6	

Manual Integrations
 APPROVED

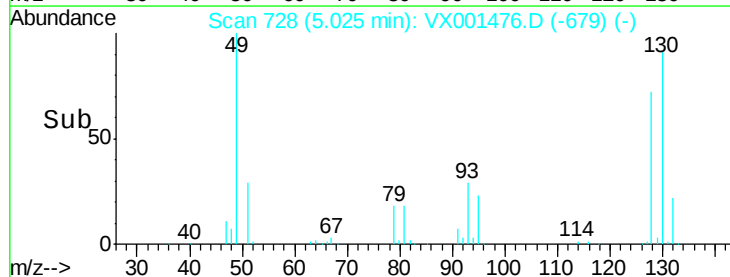
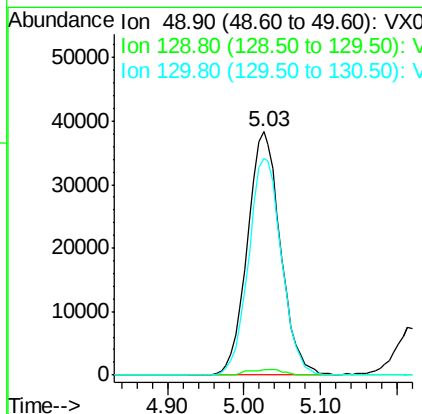
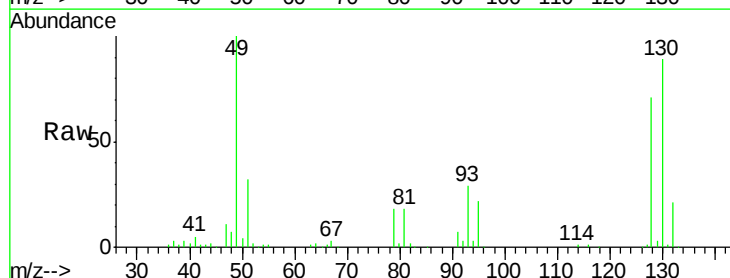
MMDadoda
 5/9/2018 5:47:33 PM

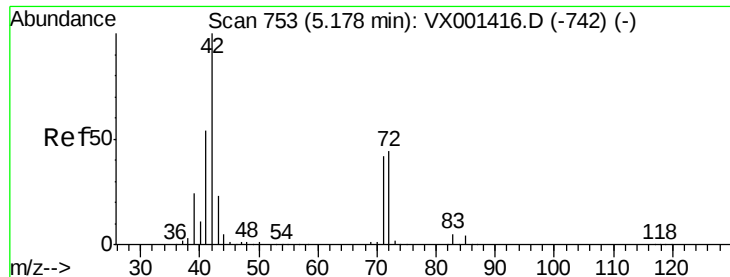


#28

Bromochloromethane
 Concen: 52.16 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115567		
129	2.4	0.0	4.8	
130	88.7	71.9	107.9	





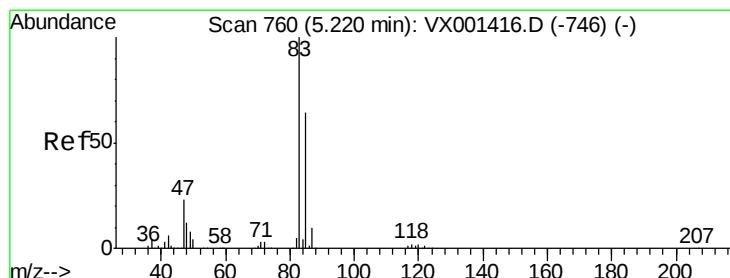
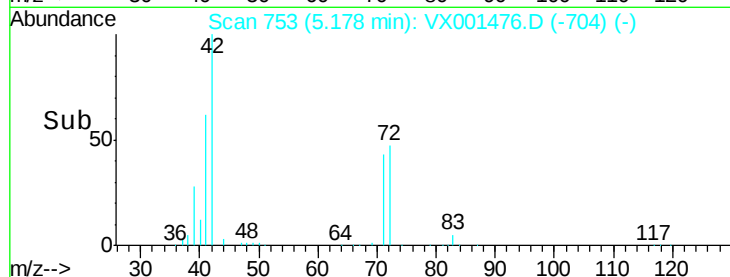
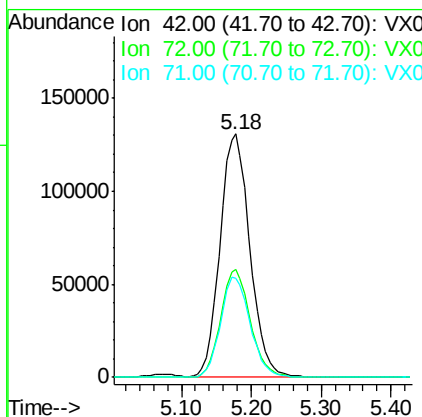
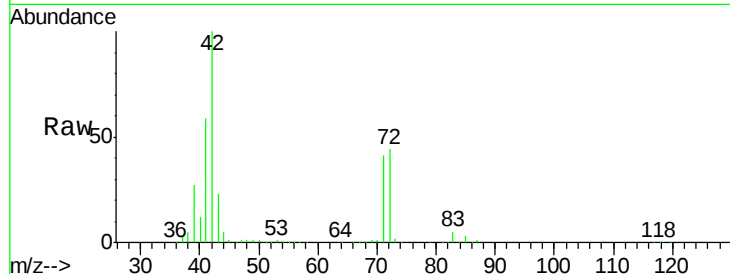
#29
Tetrahydrofuran
Concen: 269.37 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	44.3	35.4	53.2	
71	41.2	33.0	49.4	

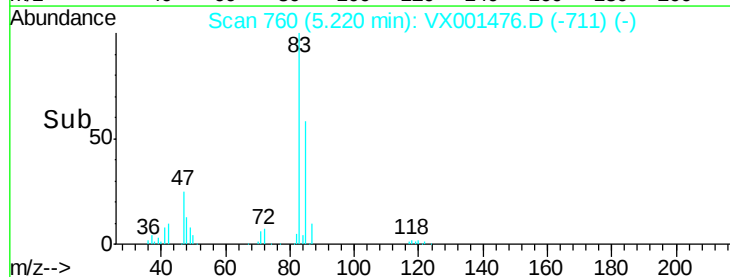
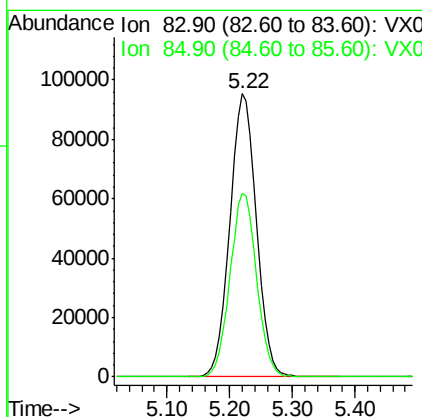
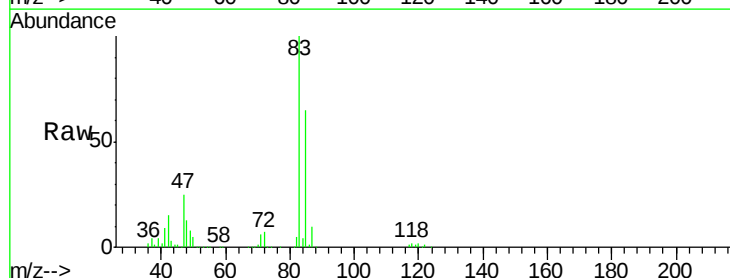
Manual Integrations
APPROVED

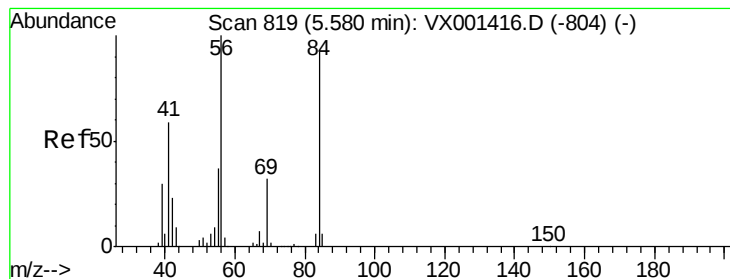
MMDadoda
5/9/2018 5:47:33 PM



#30
Chloroform
Concen: 53.00 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	65.0	51.0	76.4	





#31

Cyclohexane

Concen: 50.15 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

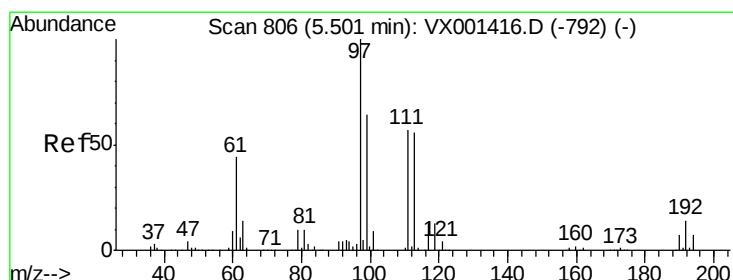
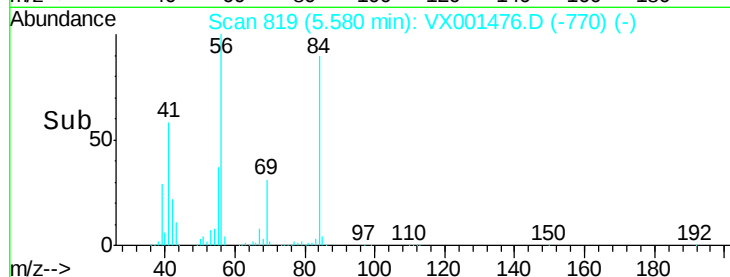
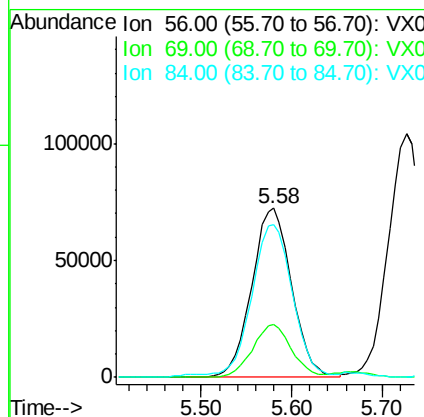
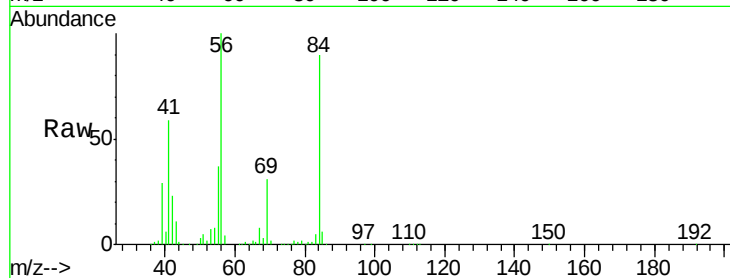
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	56	Resp:	220117
Ion Ratio		Lower	Upper
56	100		
69	31.1	25.4	38.0
84	88.4	73.8	110.8

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#32

1,1,1-Trichloroethane

Concen: 53.87 ug/l

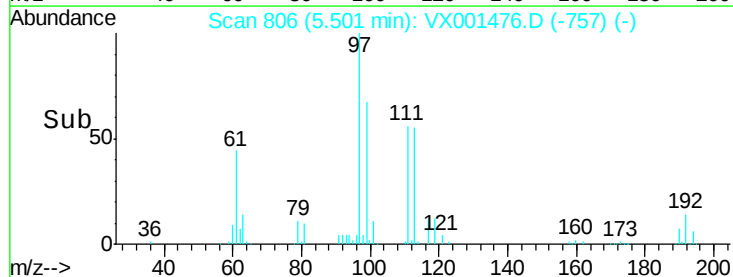
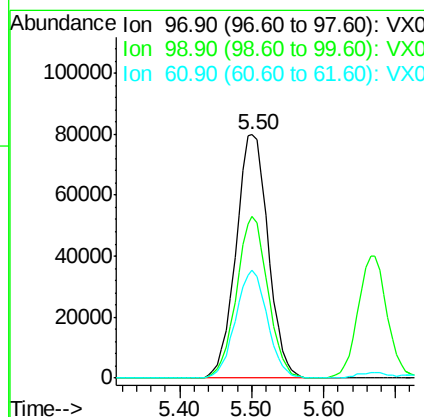
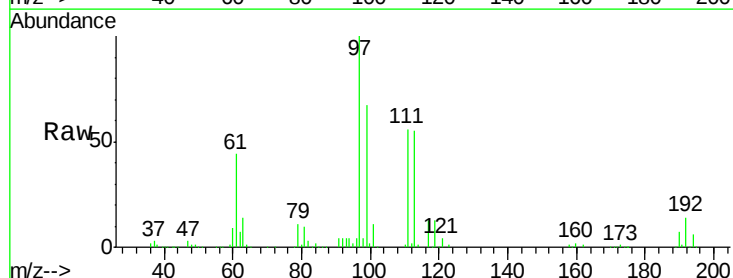
RT: 5.50 min Scan# 806

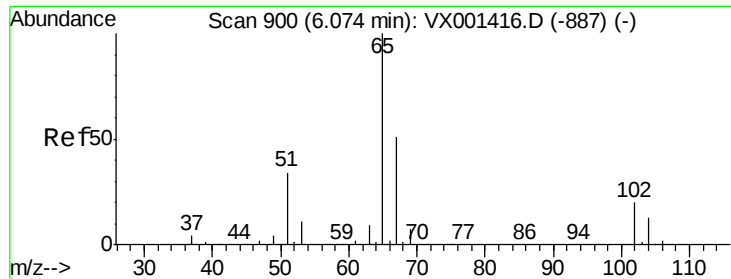
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	97	Resp:	247801
Ion Ratio		Lower	Upper
97	100		
99	64.5	51.3	76.9
61	44.0	34.8	52.2





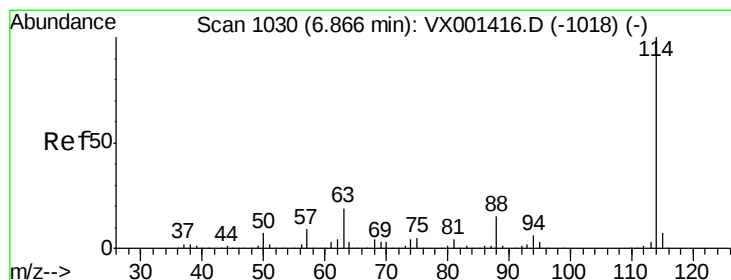
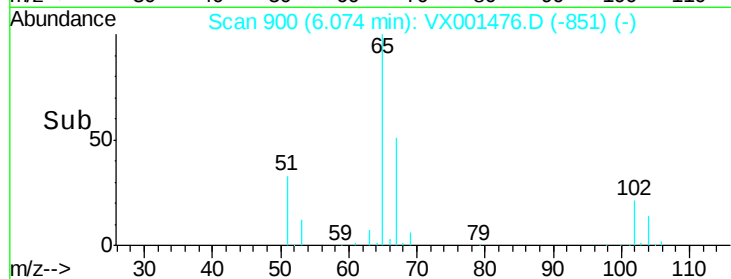
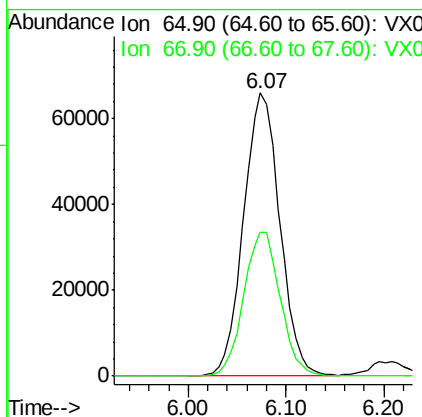
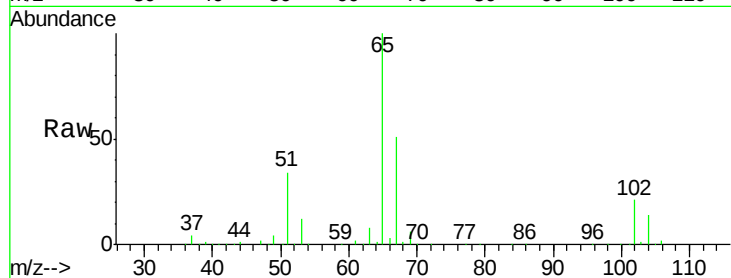
#33
 1,2-Dichloroethane-d4
 Concen: 50.14 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30312-20180428MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	101.8

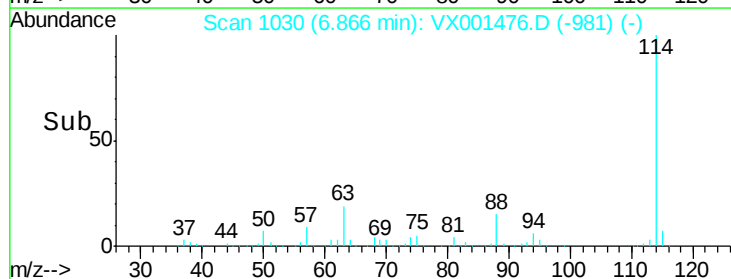
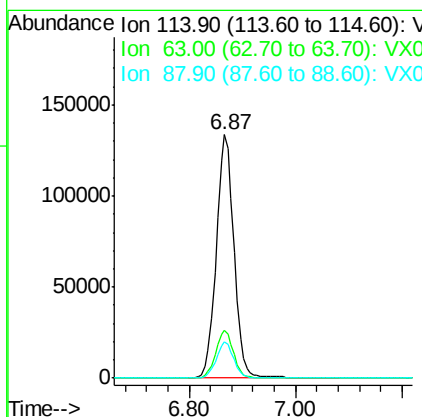
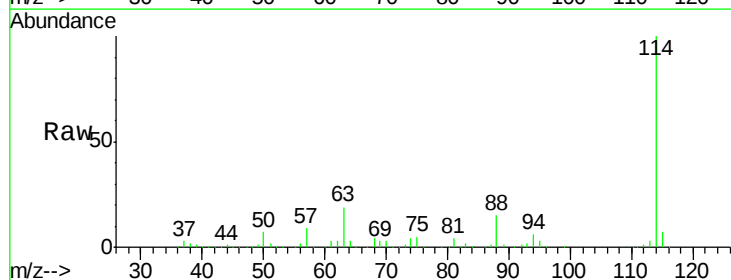
Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	38.6
88	15.1	0.0	30.8





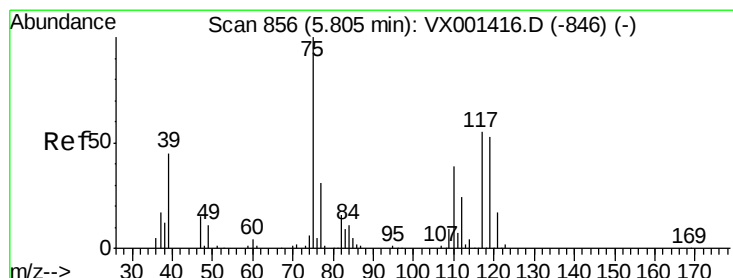
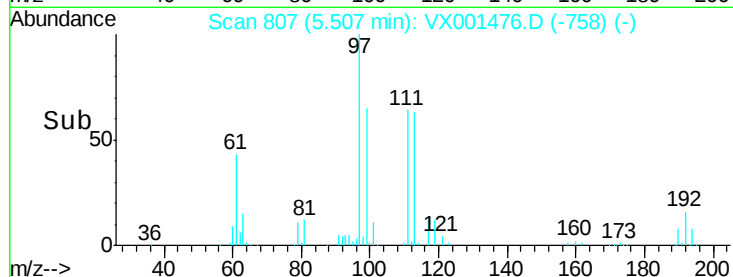
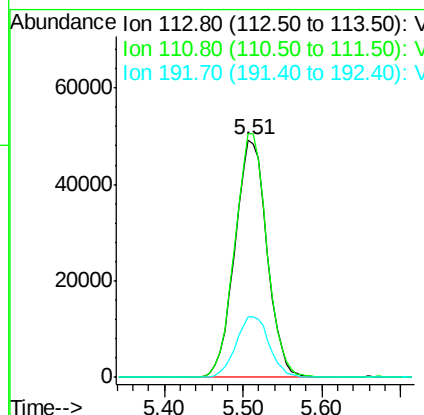
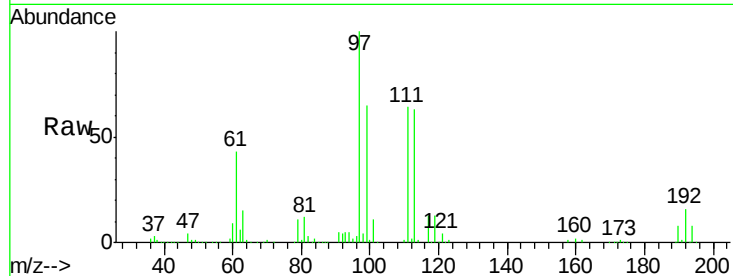
#35
 Dibromofluoromethane
 Concen: 50.60 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139526		
111	101.9	82.2	123.2	
192	26.4	21.4	32.0	

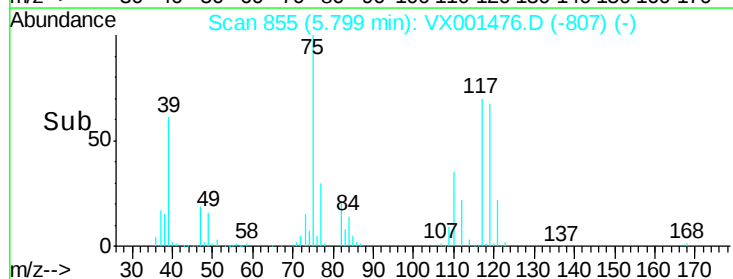
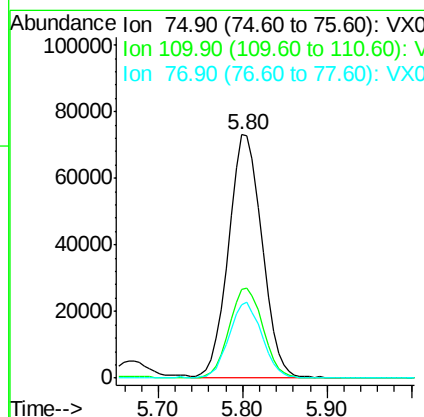
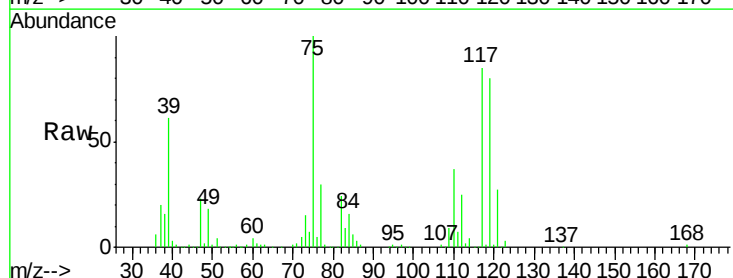
Manual Integrations
 APPROVED

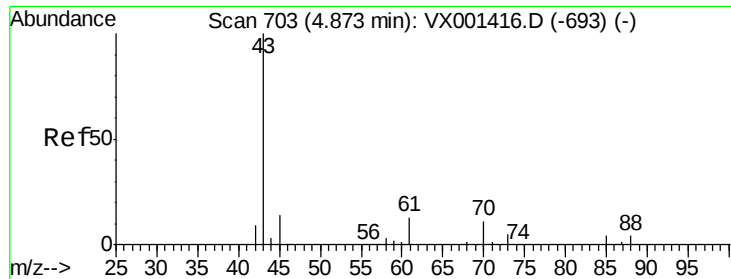
MMDadoda
 5/9/2018 5:47:33 PM



#36
 1,1-Dichloropropene
 Concen: 50.04 ug/l
 RT: 5.80 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	197362		
110	37.3	18.9	56.7	
77	30.6	24.9	37.3	





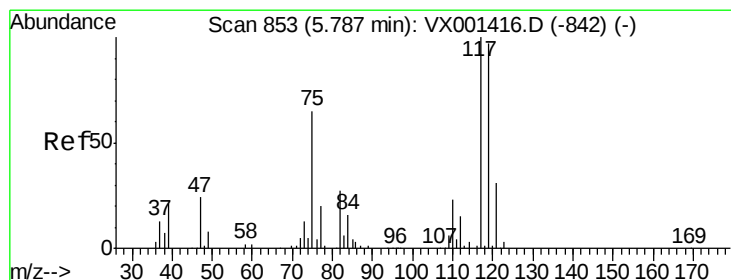
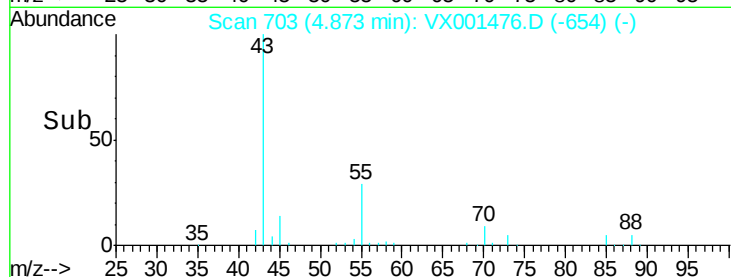
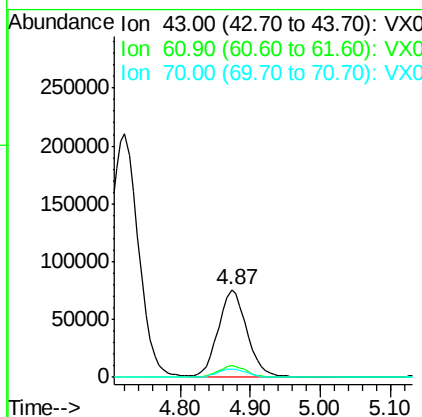
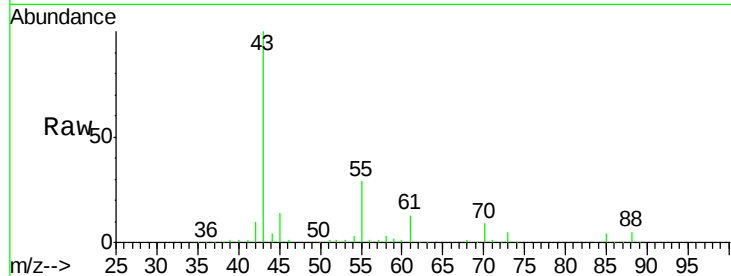
#37
Ethyl Acetate
Concen: 49.87 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion:	43	Resp:	215608
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	10.2	8.4	12.6

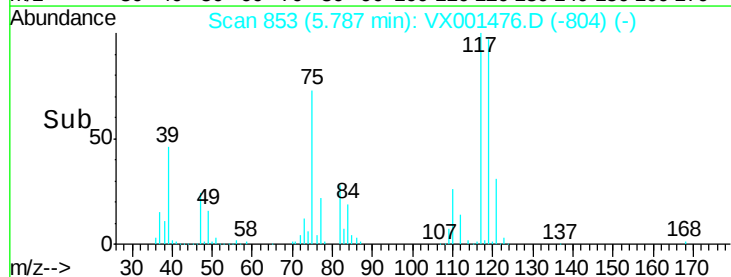
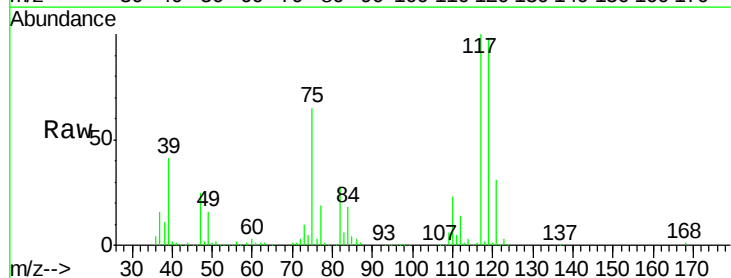
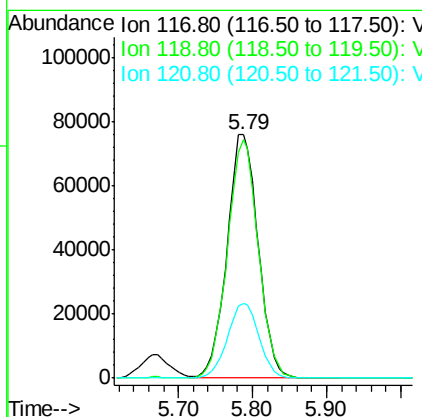
Manual Integrations
APPROVED

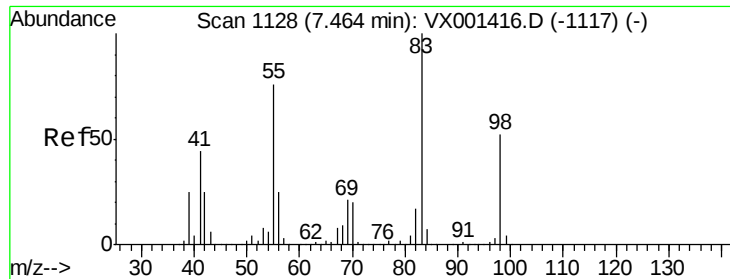
MMDadoda
5/9/2018 5:47:33 PM



#38
Carbon Tetrachloride
Concen: 52.88 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion:	117	Resp:	222430
Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.0	115.6
121	30.8	25.1	37.7





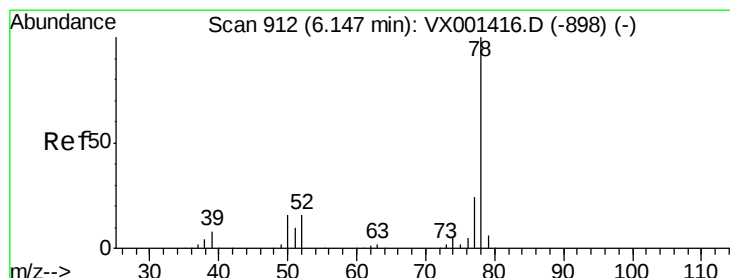
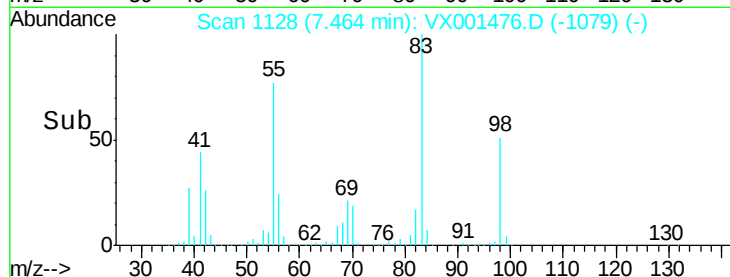
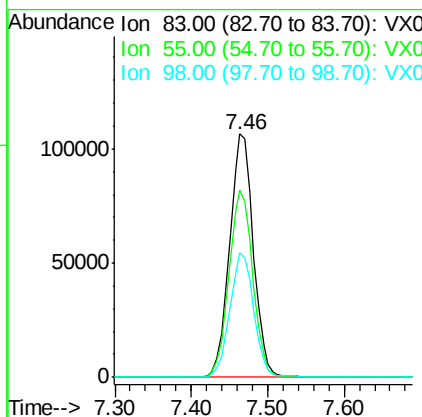
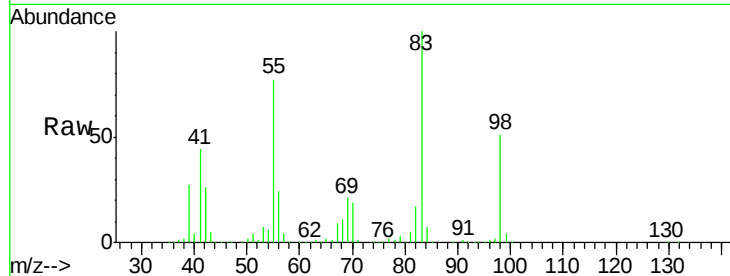
#39
Methvlcvclohexane
Concen: 49.13 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	229066		
55	77.1		60.9	91.3
98	51.3		41.9	62.9

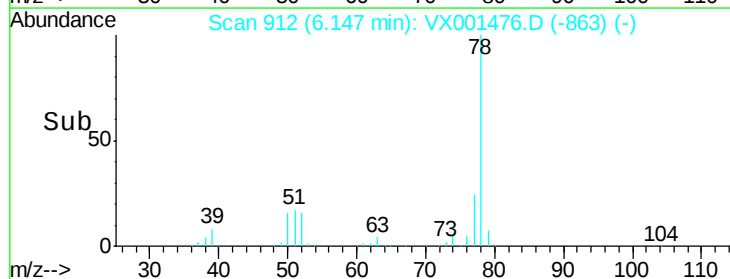
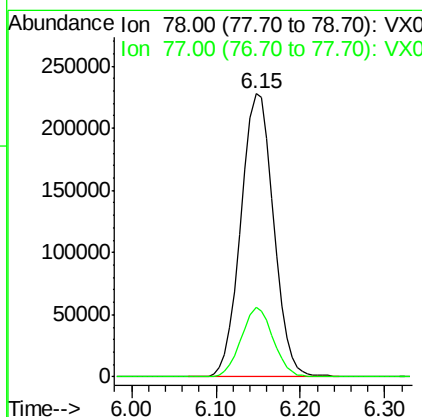
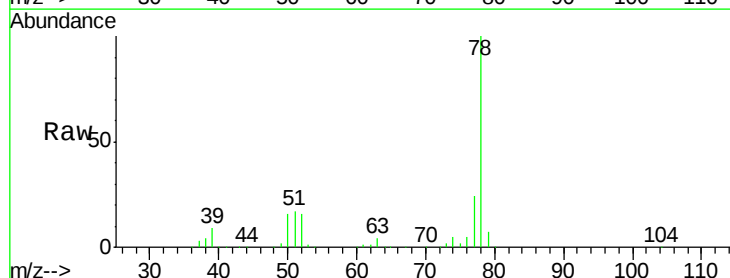
Manual Integrations
APPROVED

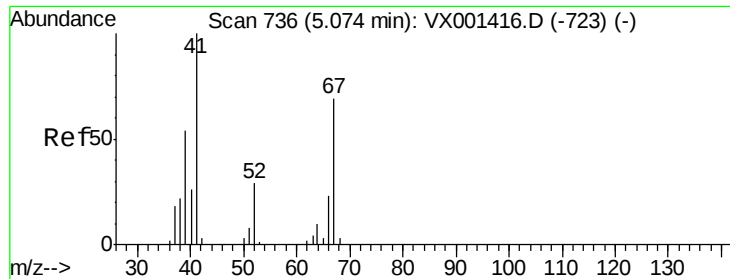
MMDadoda
5/9/2018 5:47:33 PM



#40
Benzene
Concen: 51.98 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	598782		
77	24.4		19.4	29.2





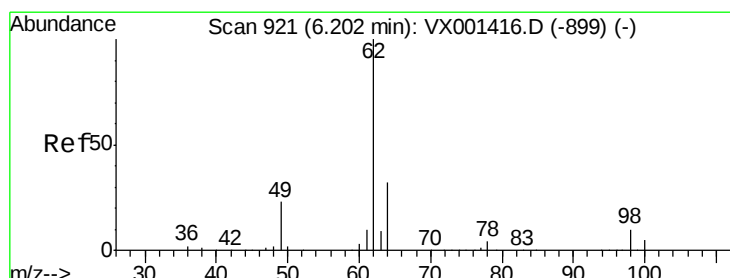
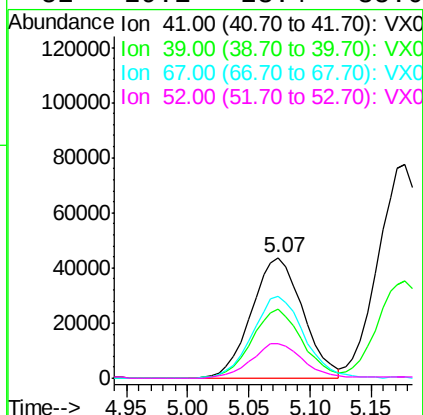
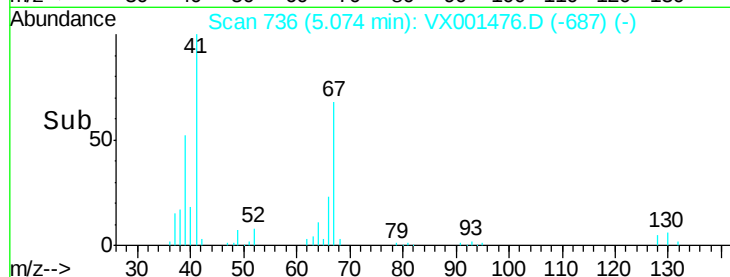
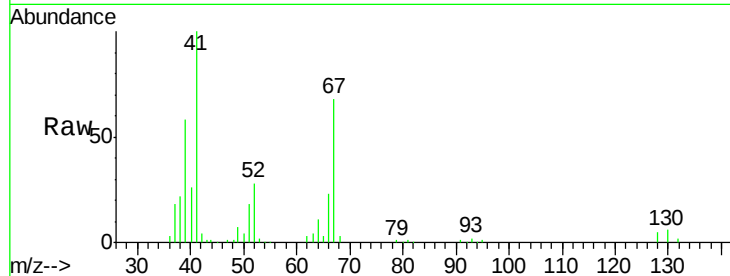
#41
Methacrylonitrile
Concen: 51.56 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.3	45.0	67.6		
67	68.4	55.0	82.6		
52	29.1	23.4	35.0		

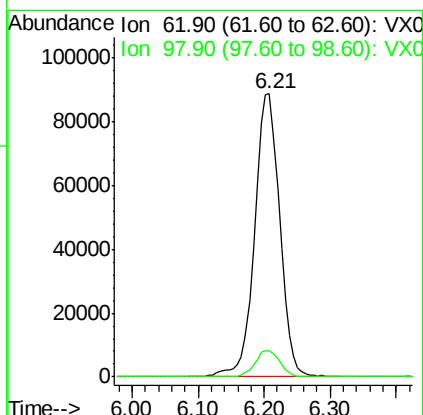
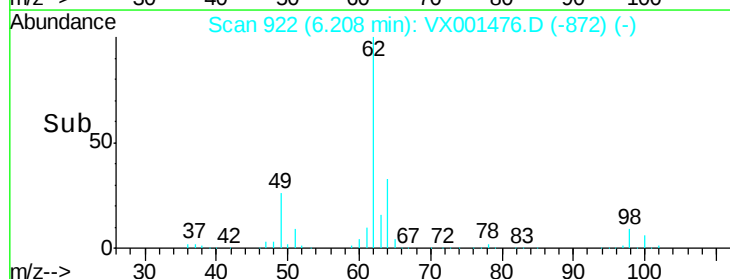
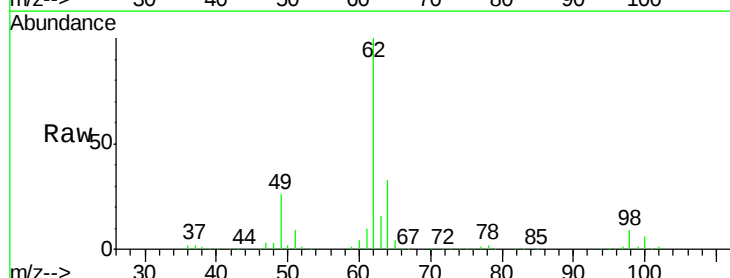
Manual Integrations
APPROVED

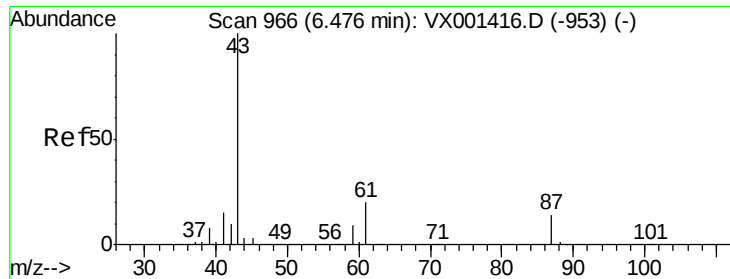
MMDadoda
5/9/2018 5:47:33 PM



#42
1,2-Dichloroethane
Concen: 52.97 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.3	0.0	19.0		





#43

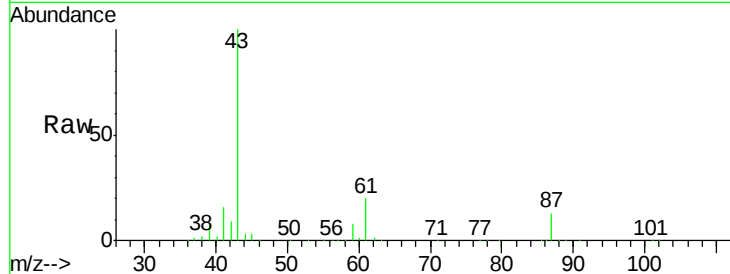
Isopropyl Acetate
 Concen: 52.03 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30312-20180428MS

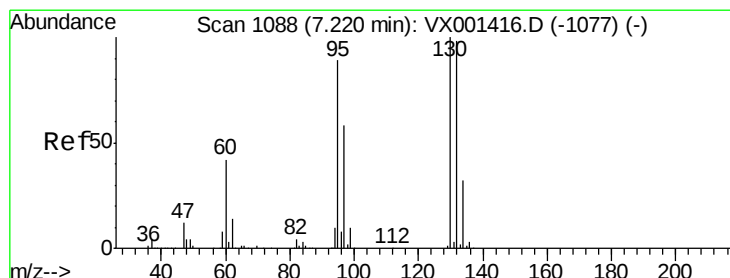
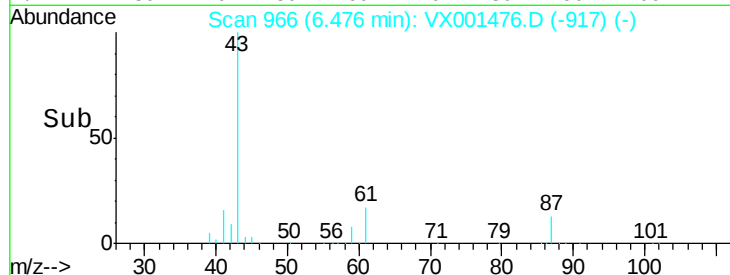
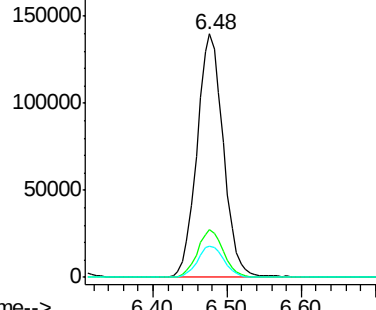
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	13.2	10.8	16.2

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM



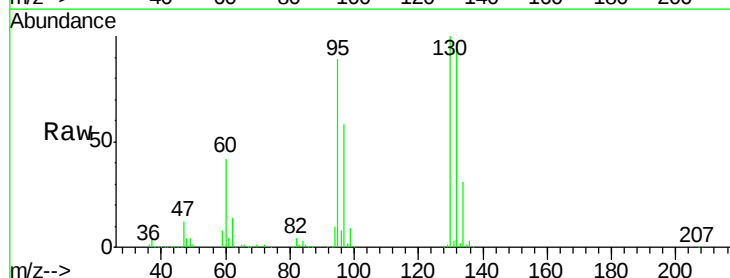
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



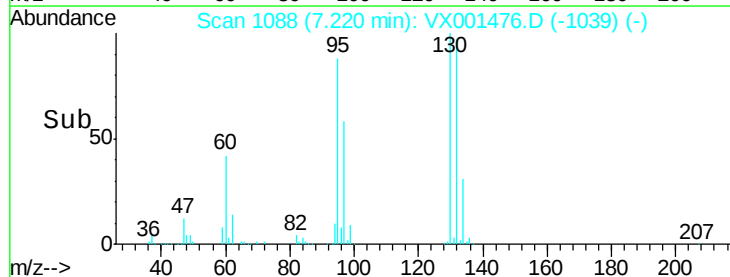
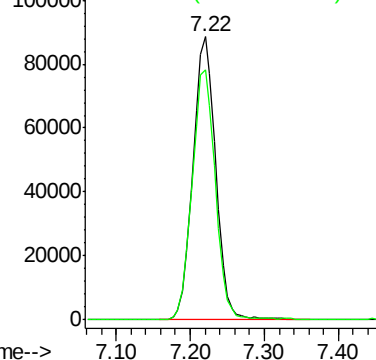
#44

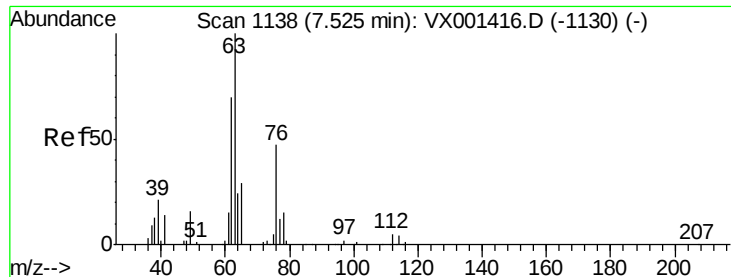
Trichloroethene
 Concen: 53.77 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	178.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.50 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 63 Resp: 147905

Ion Ratio Lower Upper

63 100

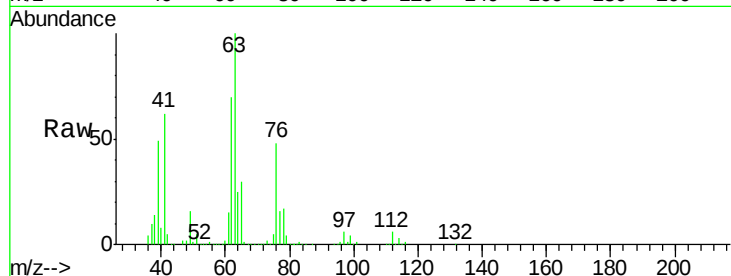
65 29.6 24.5 36.7

Manual Integrations

APPROVED

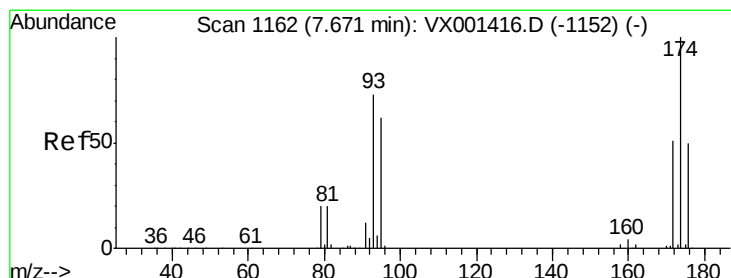
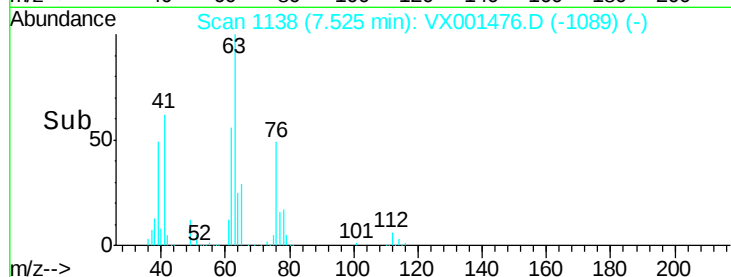
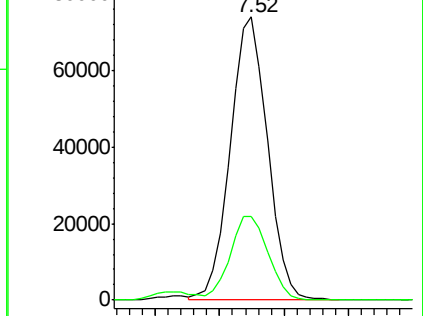
MMDadoda

5/9/2018 5:47:33 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.22 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

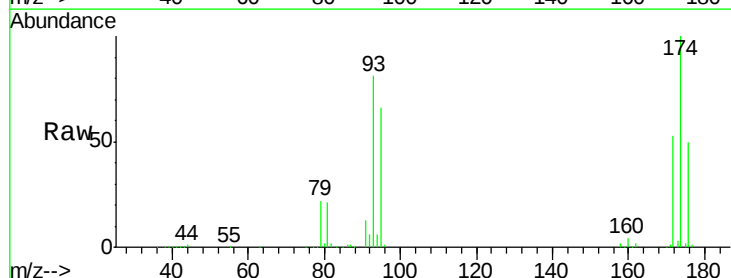
Tgt Ion: 93 Resp: 106167

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

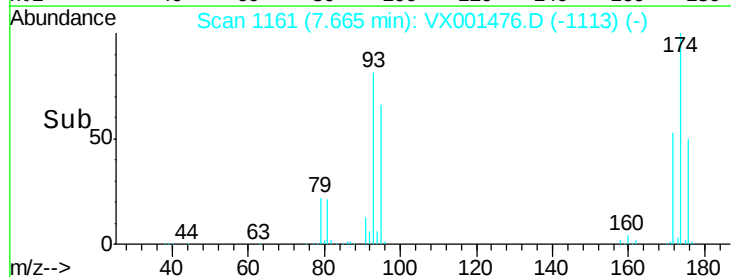
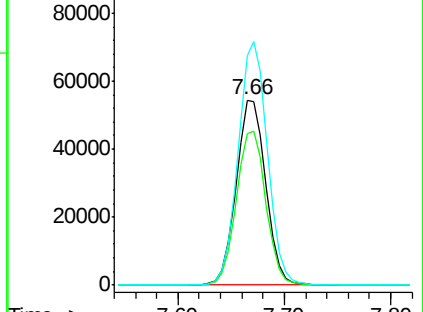
174 130.2 104.5 156.7

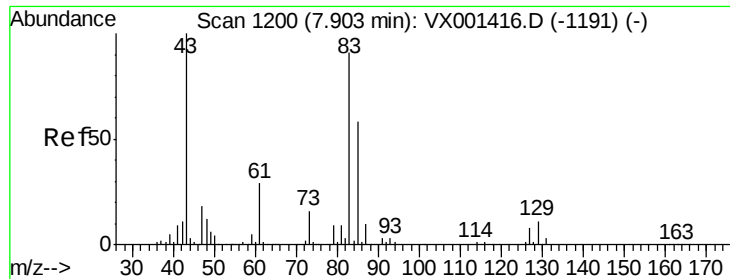


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.57 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.01 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

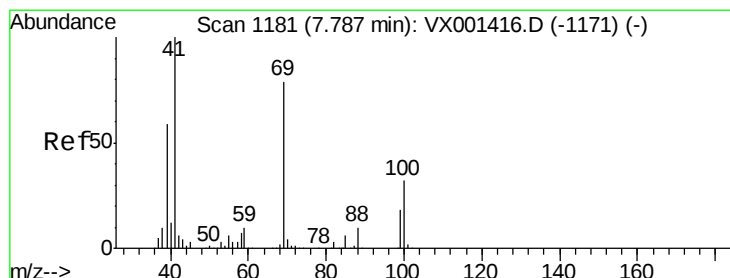
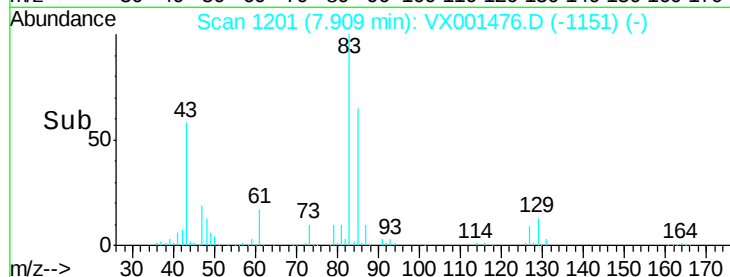
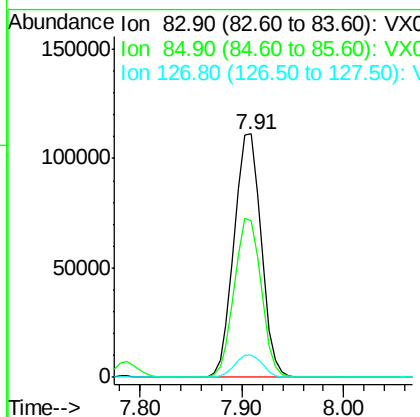
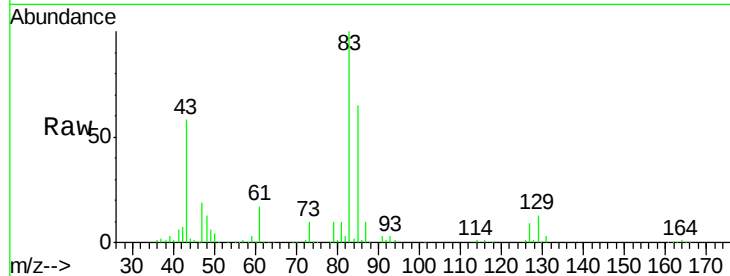
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	83	Resp:	205314
Ion Ratio	Lower	Upper	
83	100		
85	64.5	51.0	76.6
127	9.3	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#48

Methyl methacrylate

Concen: 53.59 ug/l

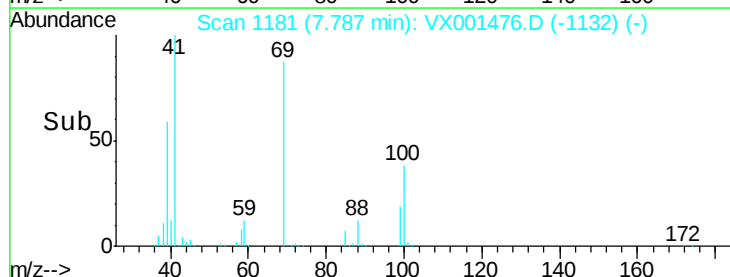
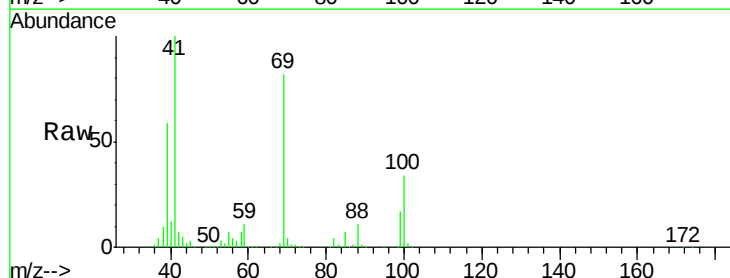
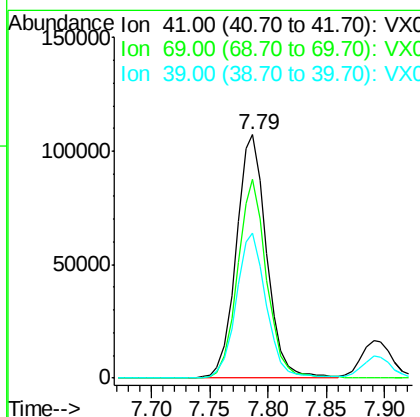
RT: 7.79 min Scan# 1181

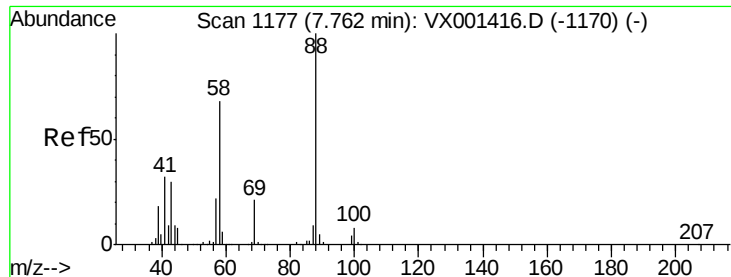
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	41	Resp:	193635
Ion Ratio	Lower	Upper	
41	100		
69	78.4	63.4	95.2
39	59.0	47.0	70.4





#49

1,4-Dioxane

Concen: 1144.37 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

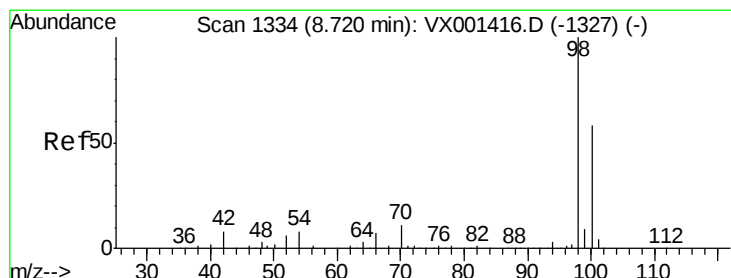
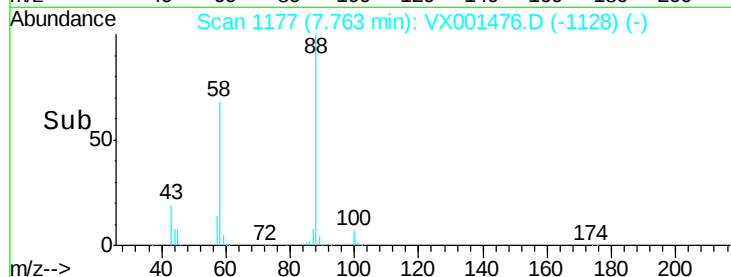
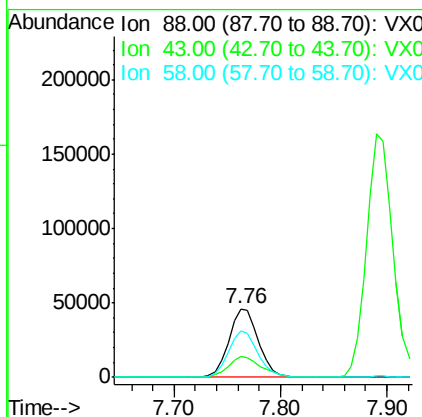
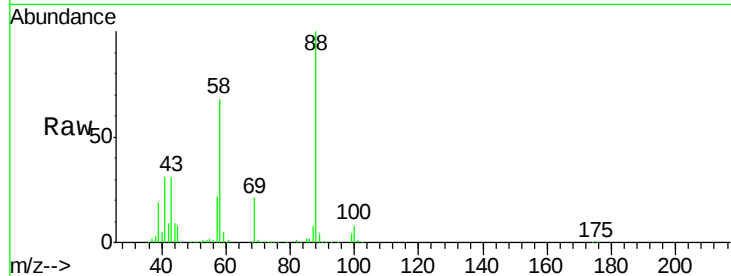
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	88	Resp:	89343
Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.4	39.6
58	67.8	54.1	81.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#50

Toluene-d8

Concen: 50.25 ug/l

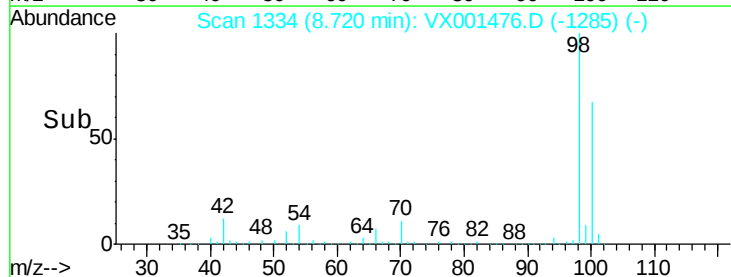
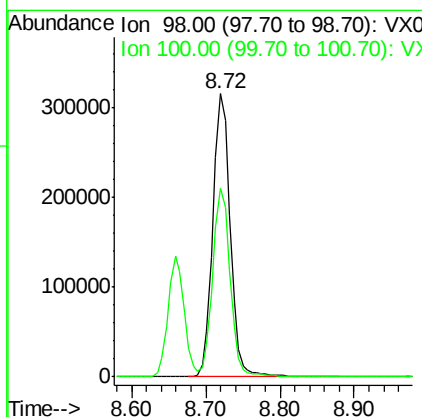
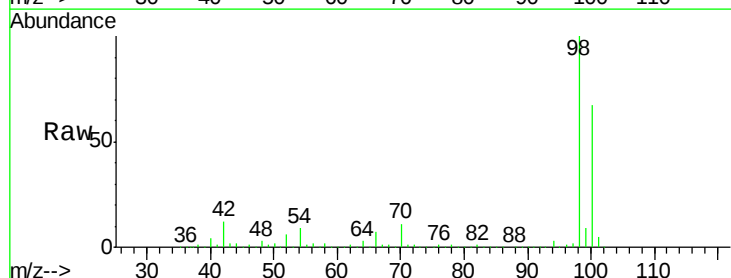
RT: 8.72 min Scan# 1334

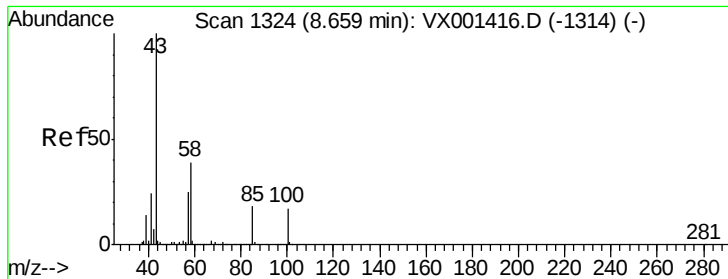
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	98	Resp:	505810
Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.0	81.0





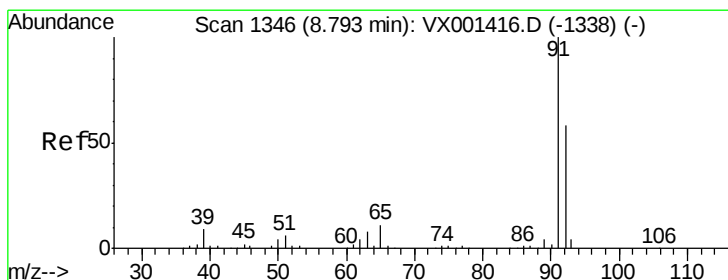
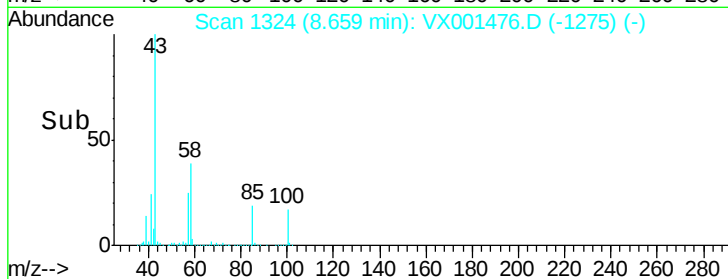
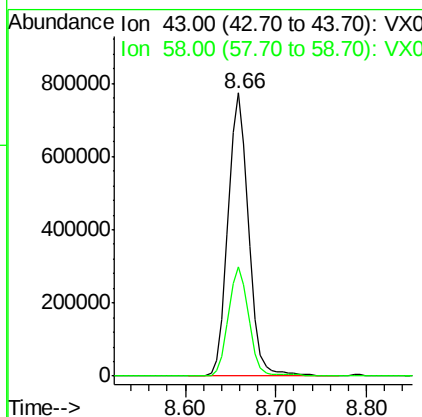
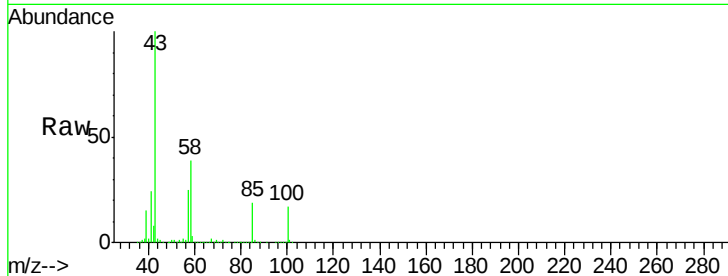
#51
4-Methyl-2-Pentanone
Concen: 277.02 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30312-20180428MS

Tot Ion: 43 Resp: 1221651
Ion Ratio Lower Upper
43 100
58 39.0 30.8 46.2

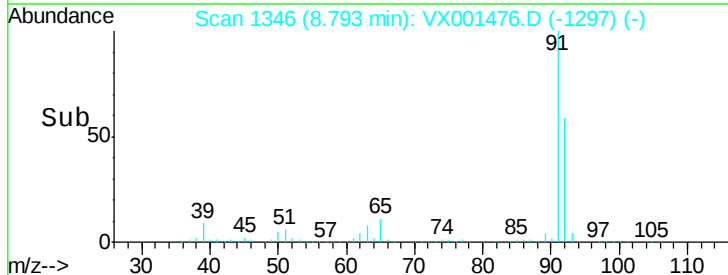
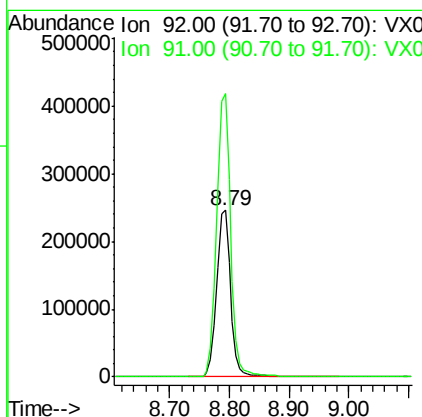
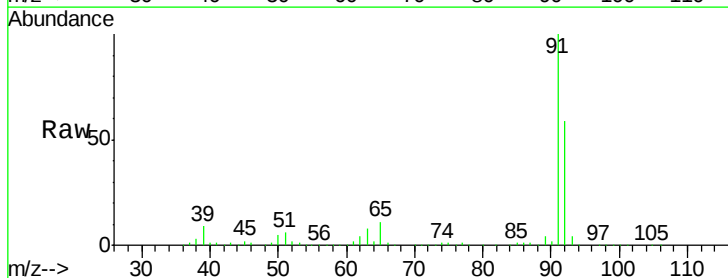
Manual Integrations
APPROVED

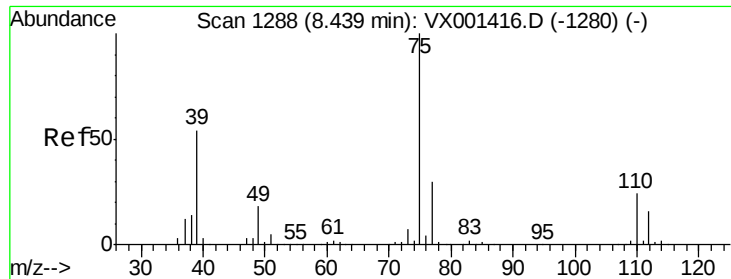
MMDadoda
5/9/2018 5:47:33 PM



#52
Toluene
Concen: 52.57 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion: 92 Resp: 395936
Ion Ratio Lower Upper
92 100
91 171.0 135.2 202.8





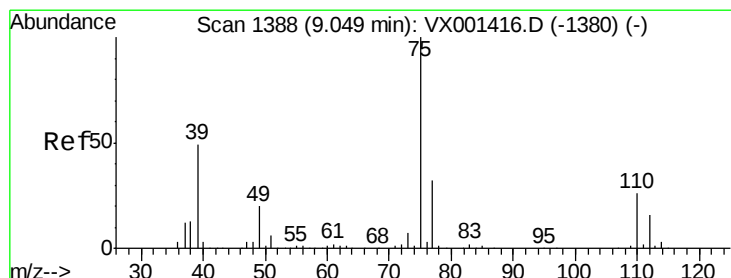
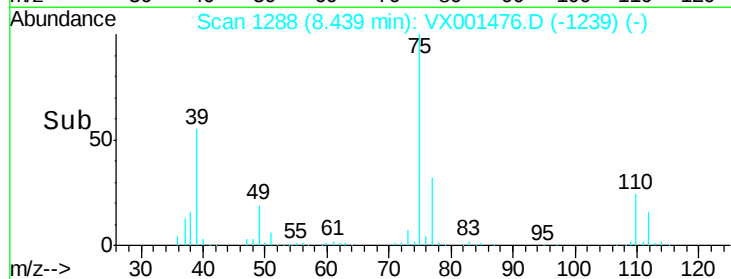
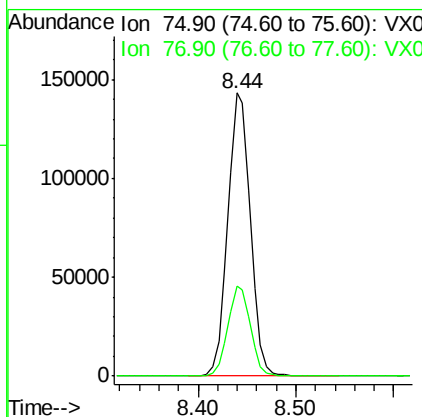
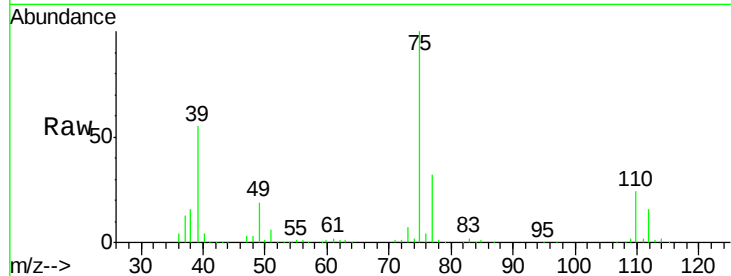
#53
t-1,3-Dichloropropene
Concen: 53.67 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion: 75 Resp: 228213
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4

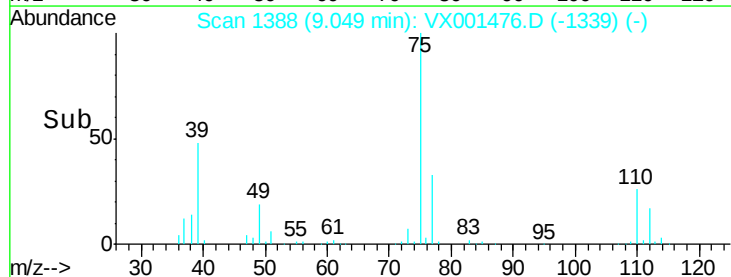
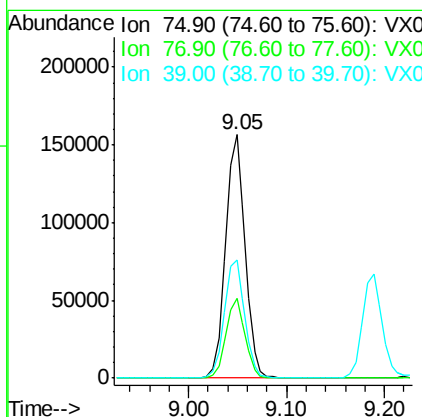
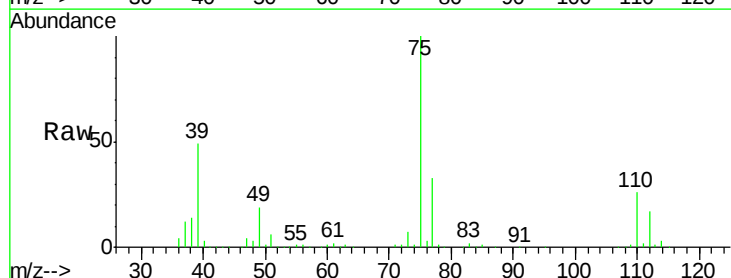
Manual Integrations
APPROVED

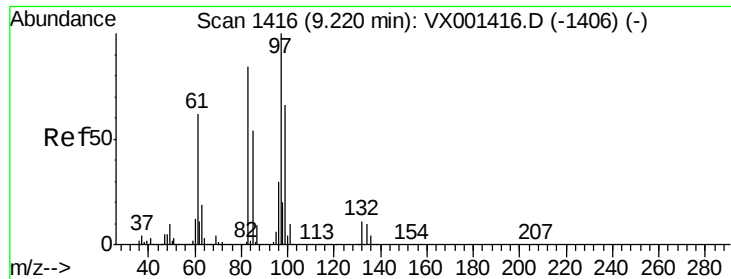
MMDadoda
5/9/2018 5:47:33 PM



#54
cis-1,3-Dichloropropene
Concen: 49.19 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion: 75 Resp: 216074
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
39 48.6 38.9 58.3





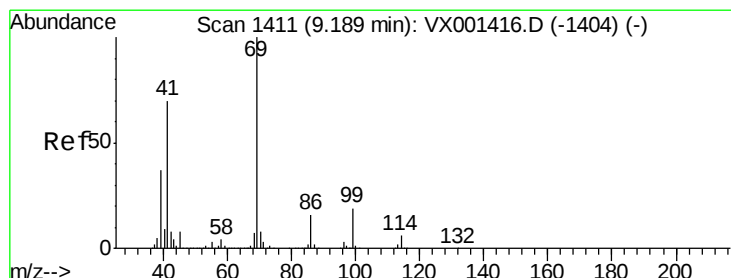
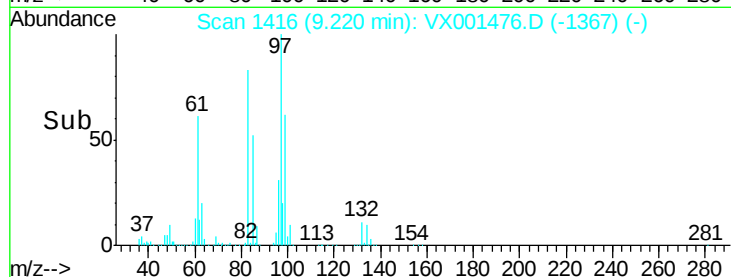
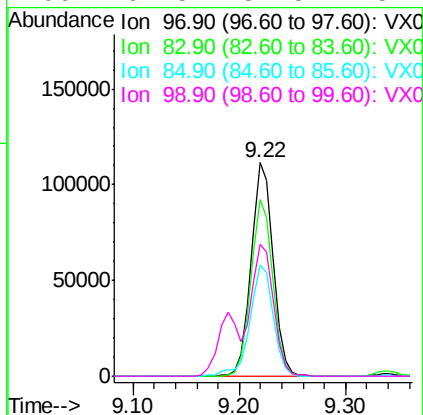
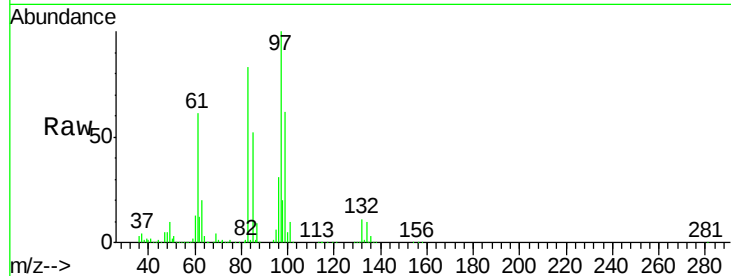
#55
 1,1,2-Trichloroethane
 Concen: 53.50 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30312-20180428MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		162347		
83	82.7	67.4	101.0		
85	52.3	43.3	64.9		
99	61.5	52.5	78.7		

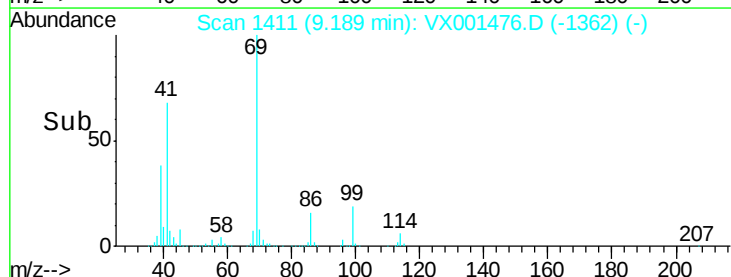
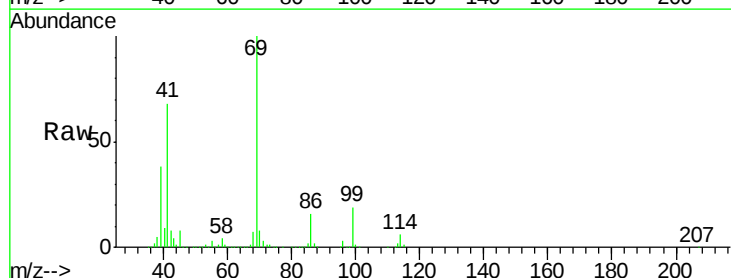
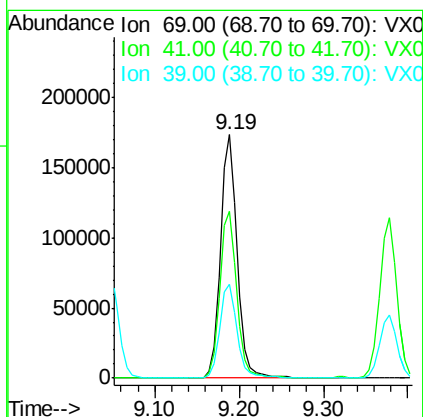
Manual Integrations
 APPROVED

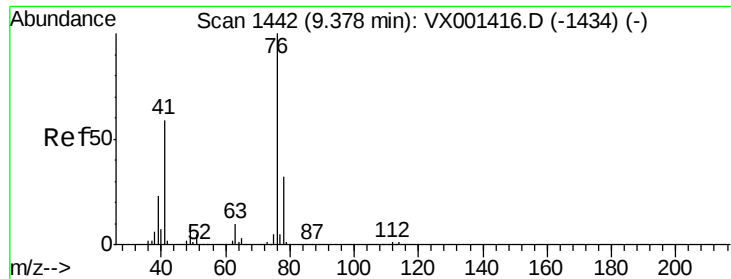
MMDadoda
 5/9/2018 5:47:33 PM



#56
 Ethyl methacrylate
 Concen: 54.56 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		238654		
41	69.4	55.1	82.7		
39	39.8	29.9	44.9		





#57

1,3-Dichloropropane

Concen: 52.51 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 76 Resp: 263465

Ion Ratio Lower Upper

76 100

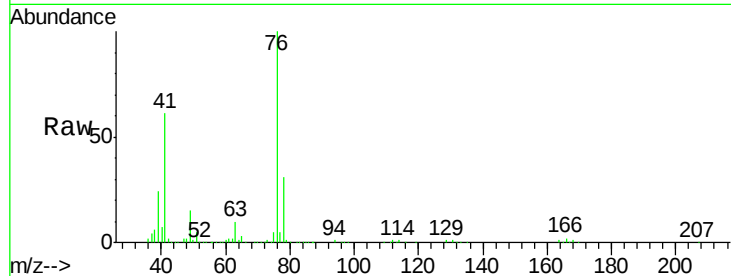
78 31.8 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.38

200000

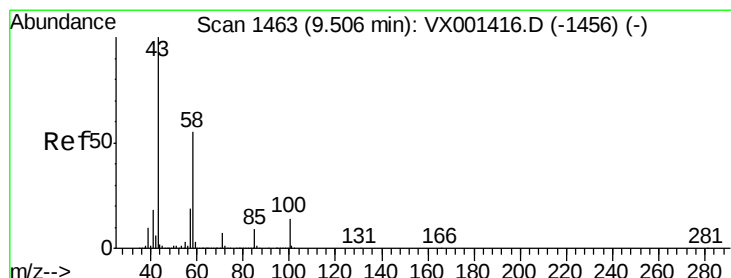
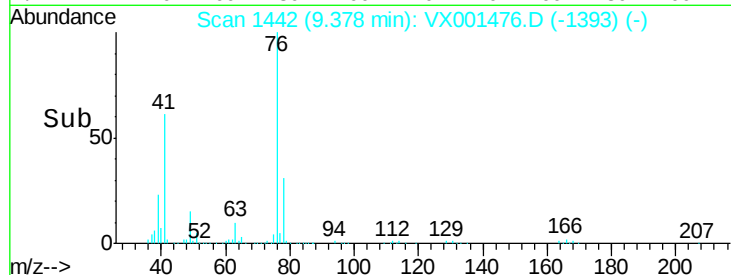
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 277.31 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VX001476.D

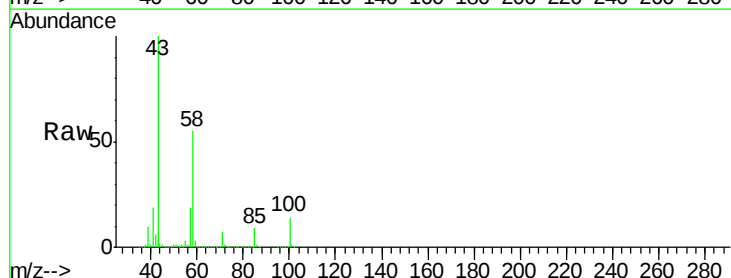
Acq: 07 May 2018 19:47

Tgt Ion: 43 Resp: 936478

Ion Ratio Lower Upper

43 100

58 53.8 27.1 81.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.51

800000

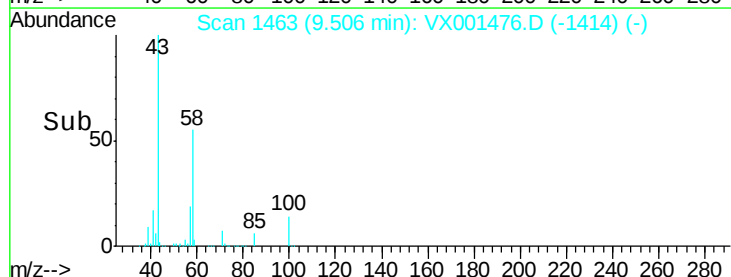
600000

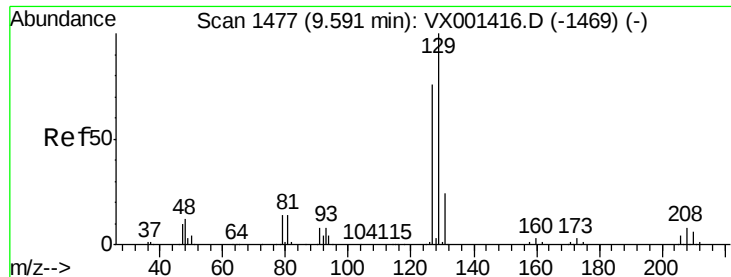
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 55.65 ug/l

RT: 9.59 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:129 Resp: 172924

Ion Ratio Lower Upper

129 100

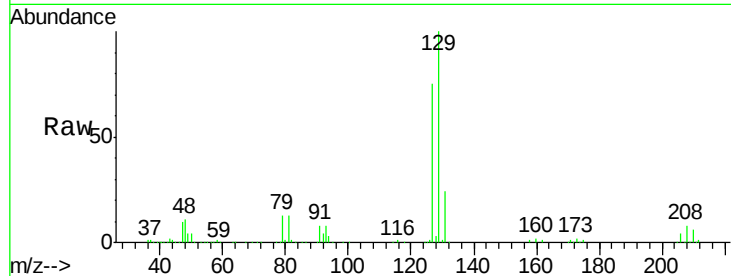
127 77.4 38.1 114.5

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

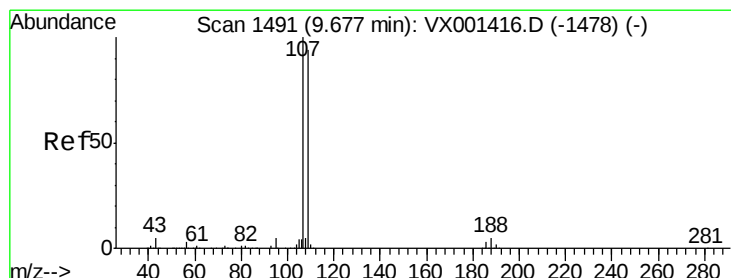
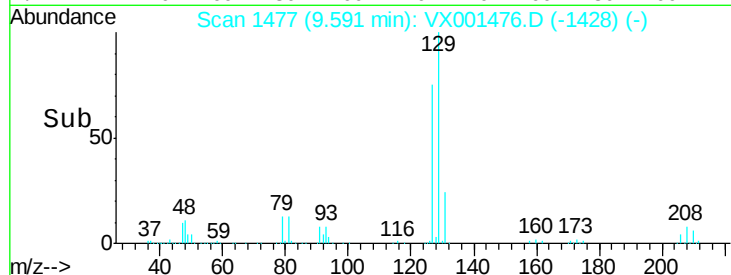
9.59

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 53.34 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001476.D

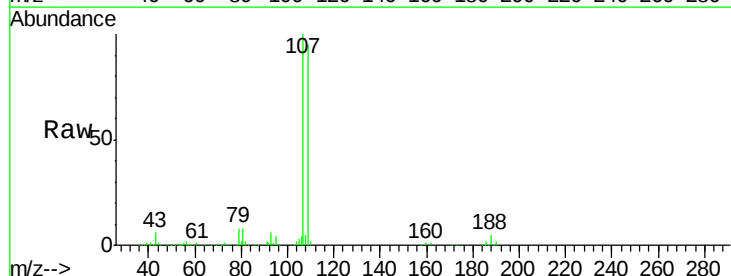
Acq: 07 May 2018 19:47

Tgt Ion:107 Resp: 169945

Ion Ratio Lower Upper

107 100

109 94.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

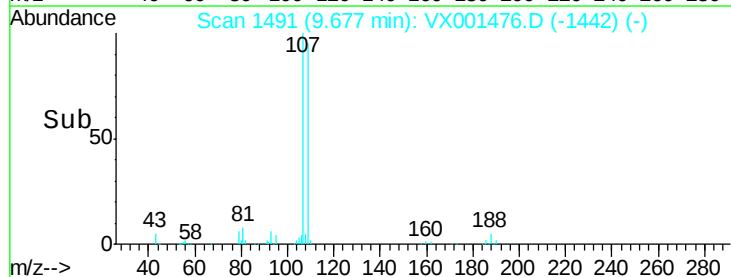
9.68

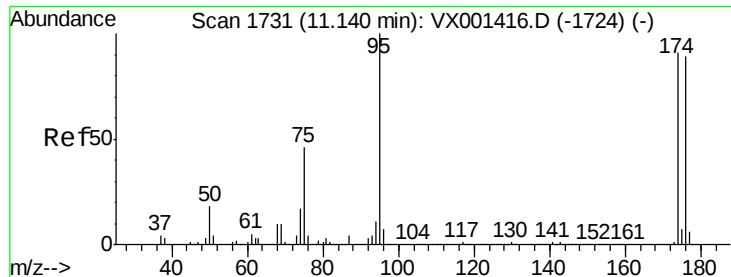
100000

50000

0

Time-->





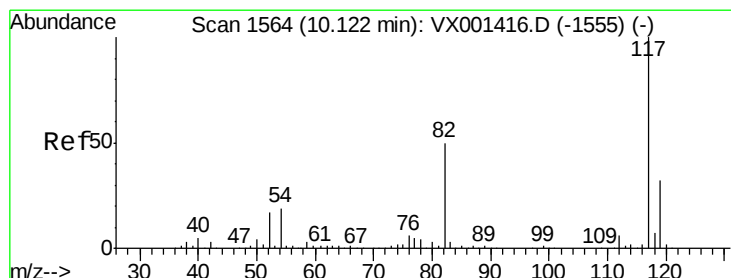
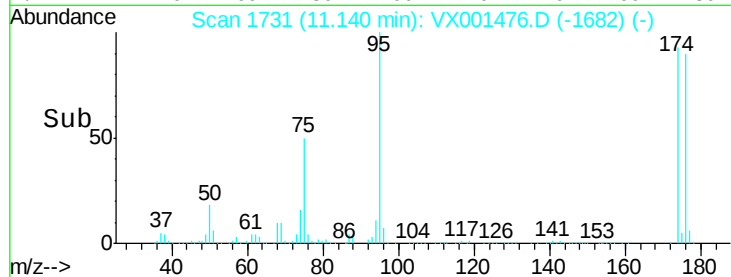
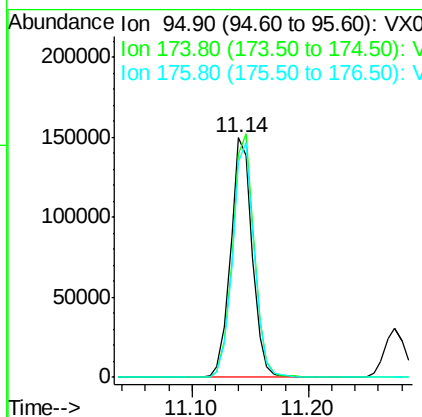
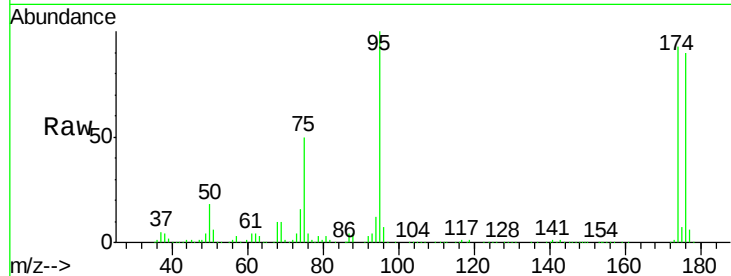
#62
4-Bromofluorobenzene
Concen: 49.94 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	192981		
174	102.2	0.0	202.0	
176	98.2	0.0	197.4	

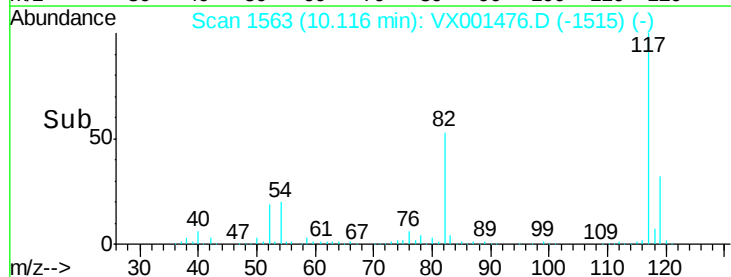
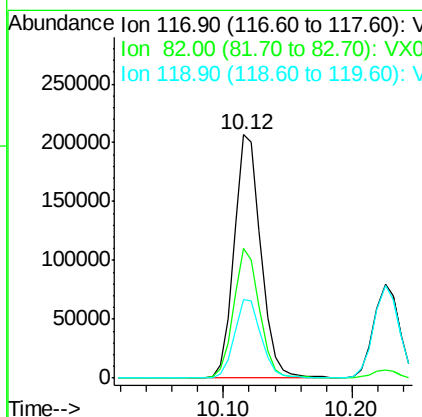
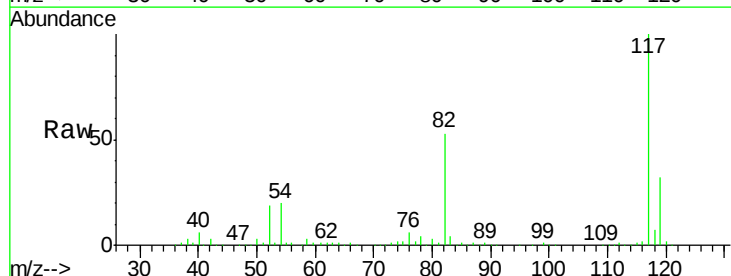
Manual Integrations
APPROVED

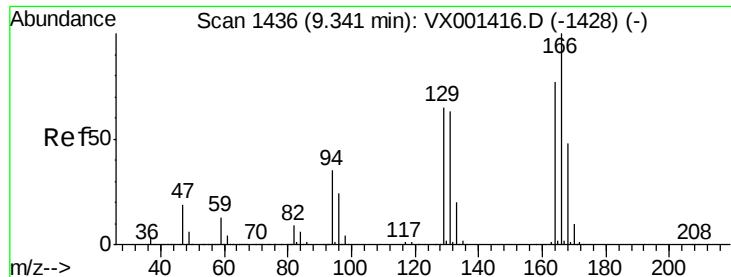
MMDadoda
5/9/2018 5:47:33 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	298591		
82	53.3	40.0	60.0	
119	32.4	25.8	38.8	





#64

Tetrachloroethene

Concen: 53.30 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:164 Resp: 221843

Ion Ratio Lower Upper

164 100

166 130.1 103.5 155.3

129 82.9 66.7 100.1

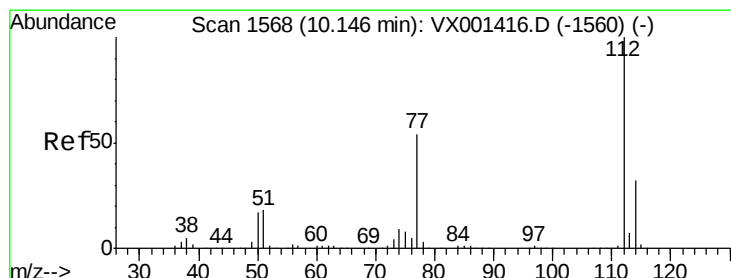
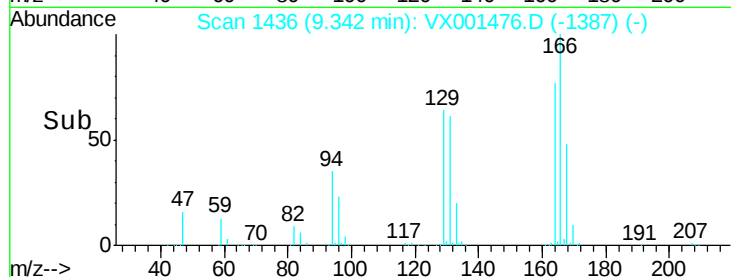
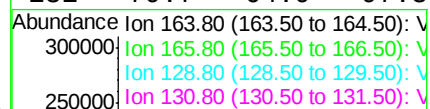
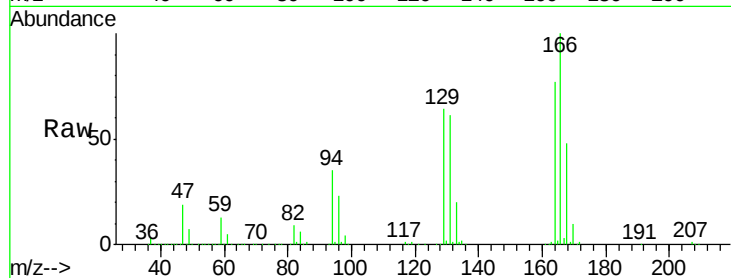
131 79.7 64.9 97.3

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



#65

Chlorobenzene

Concen: 51.57 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001476.D

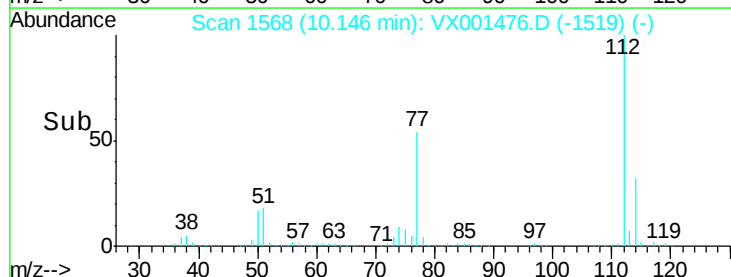
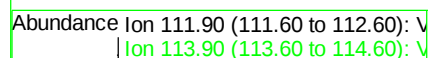
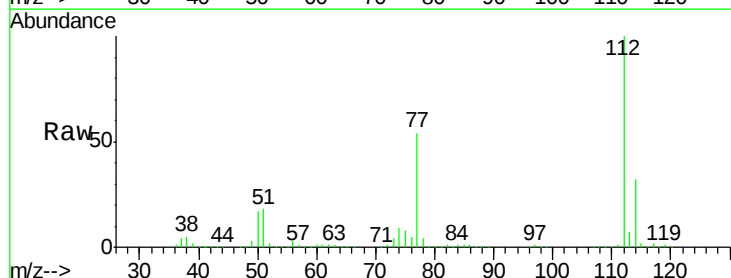
Acq: 07 May 2018 19:47

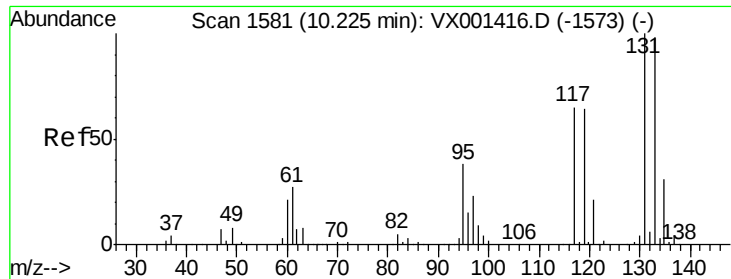
Tgt Ion:112 Resp: 451573

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0





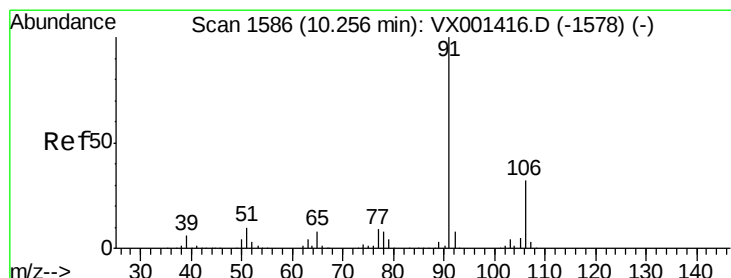
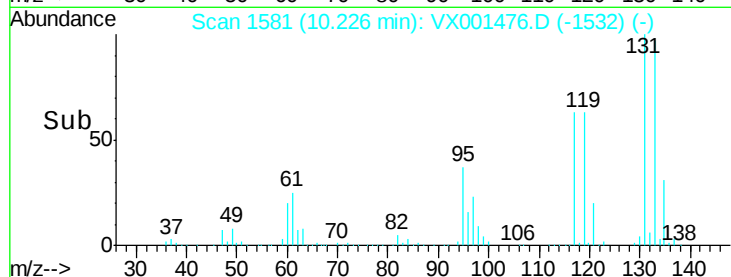
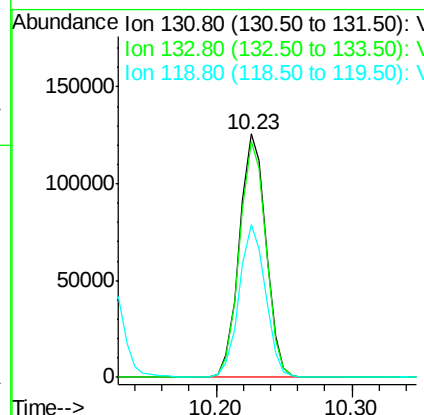
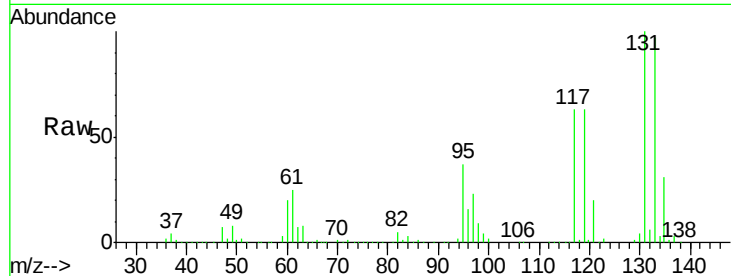
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.57 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
131	100	170935		
133	96.6	47.9	143.8	
119	62.2	31.1	93.3	

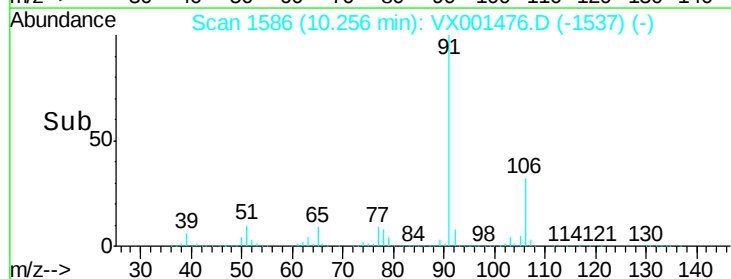
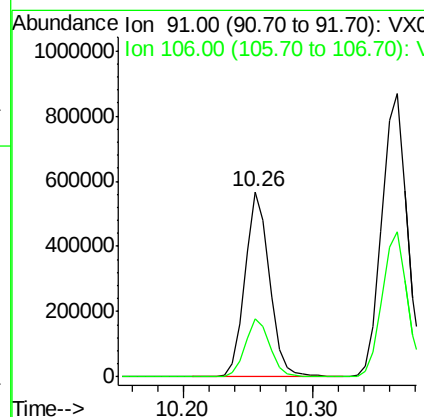
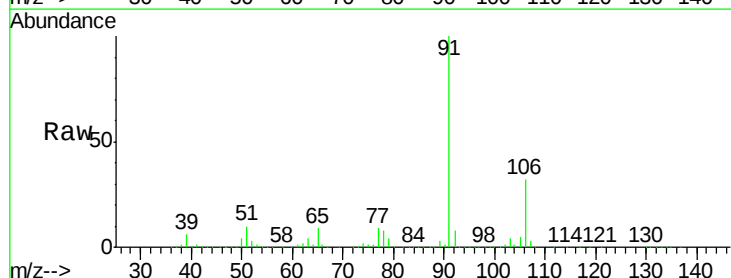
Manual Integrations
 APPROVED

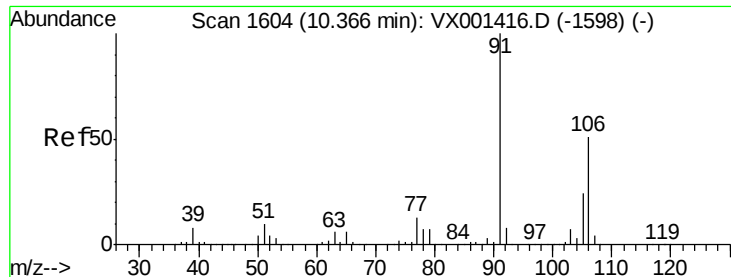
MMDadoda
 5/9/2018 5:47:33 PM



#67
 Ethyl Benzene
 Concen: 52.10 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	747787		
106	31.8	25.5	38.3	





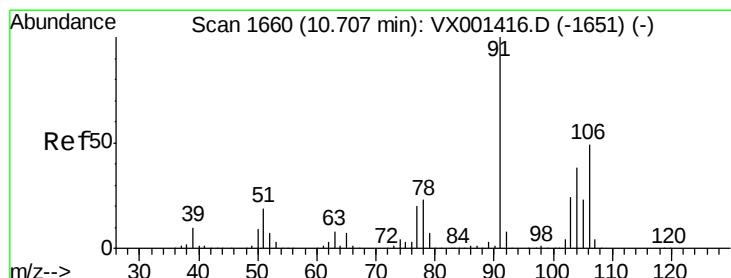
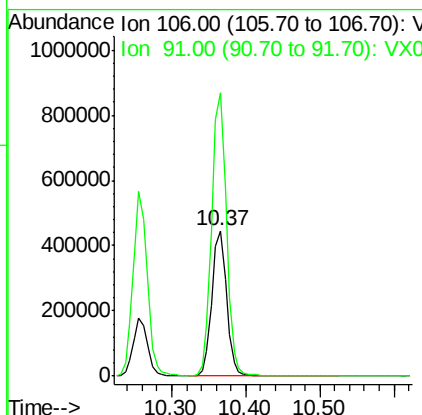
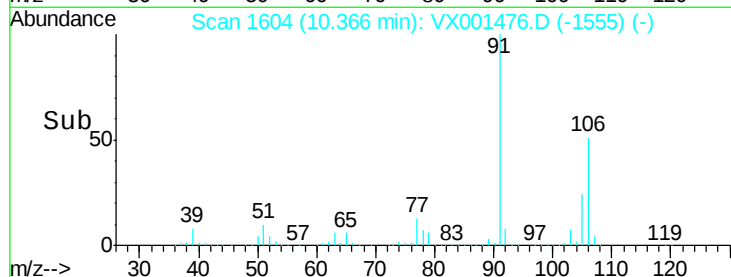
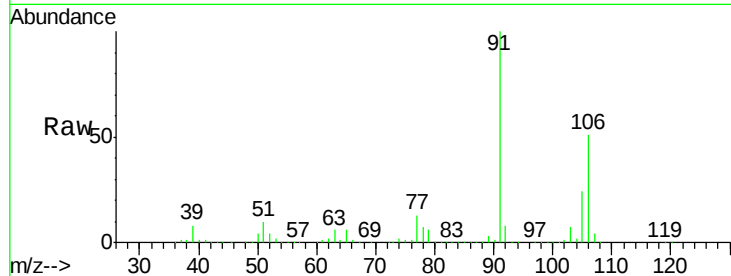
#68
m/p-Xvlenes
Concen: 106.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion:106 Resp: 605548
Ion Ratio Lower Upper
106 100
91 196.2 157.5 236.3

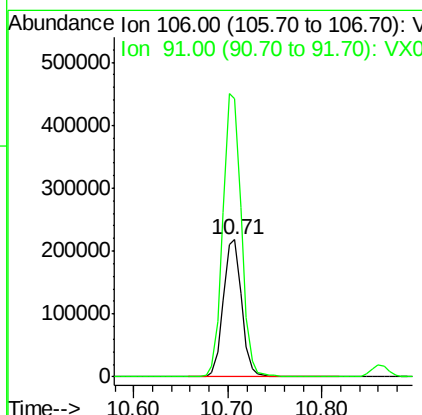
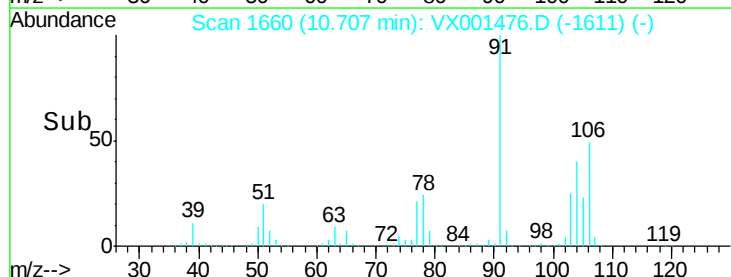
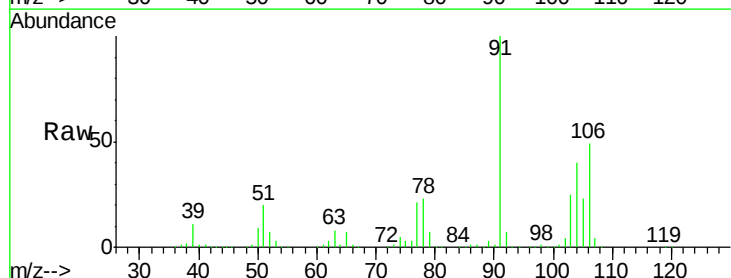
Manual Integrations
APPROVED

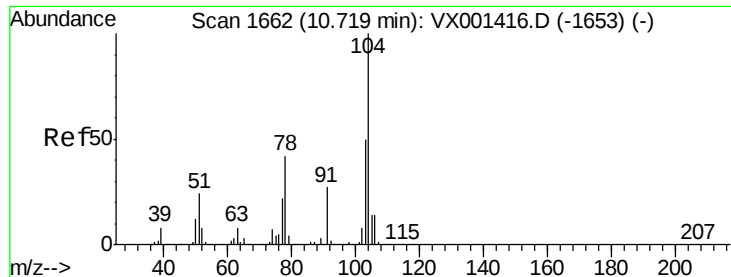
MMDadoda
5/9/2018 5:47:33 PM



#69
o-Xylene
Concen: 53.29 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion:106 Resp: 293731
Ion Ratio Lower Upper
106 100
91 208.3 103.1 309.1





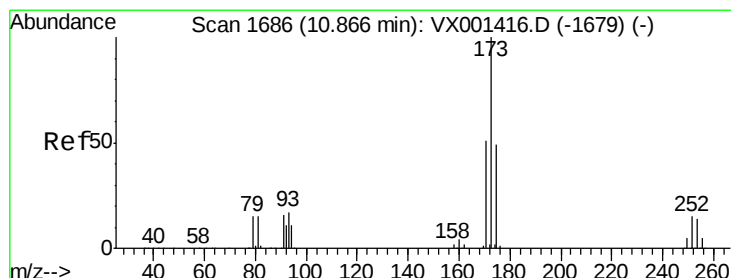
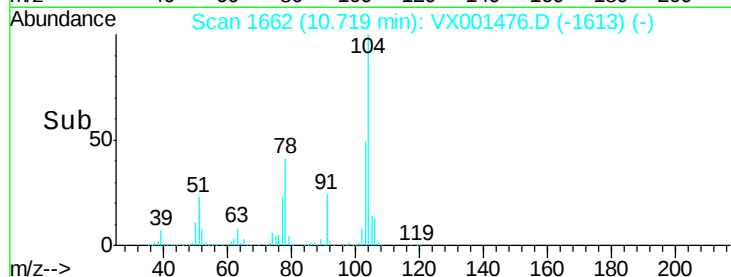
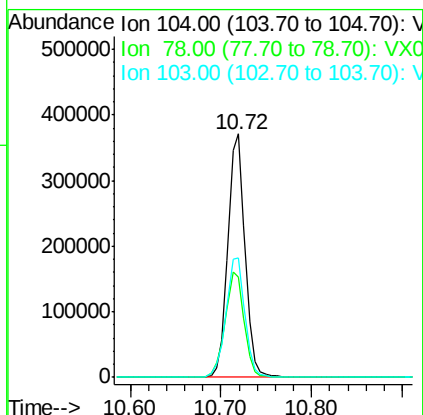
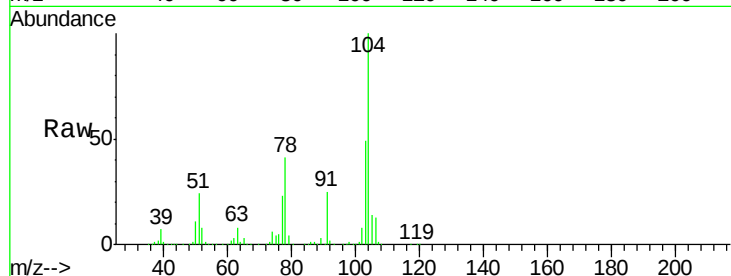
#70
Stvrene
Concen: 54.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.6	58.0
103	54.5	44.0	66.0

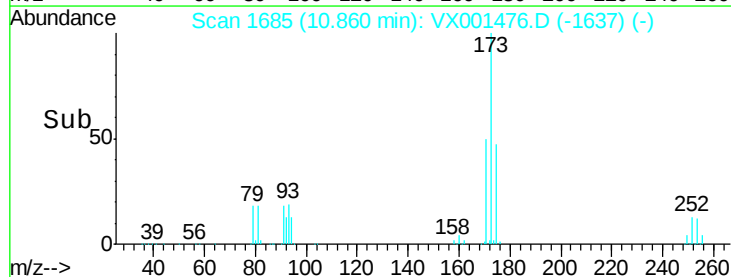
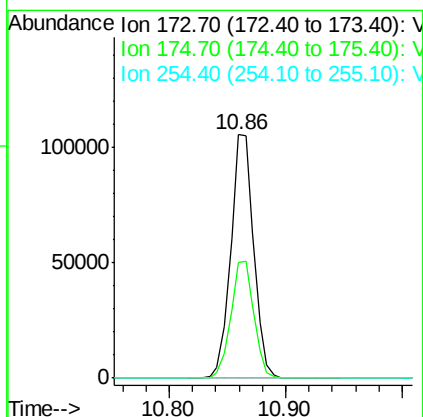
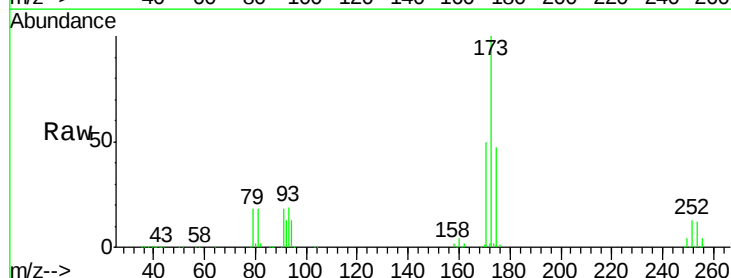
Manual Integrations
APPROVED

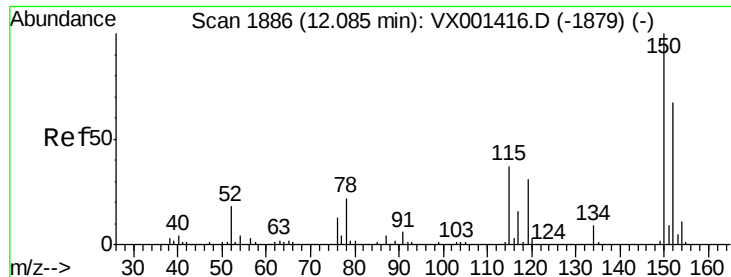
MMDadoda
5/9/2018 5:47:33 PM



#71
Bromoform
Concen: 47.86 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.5	73.5
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

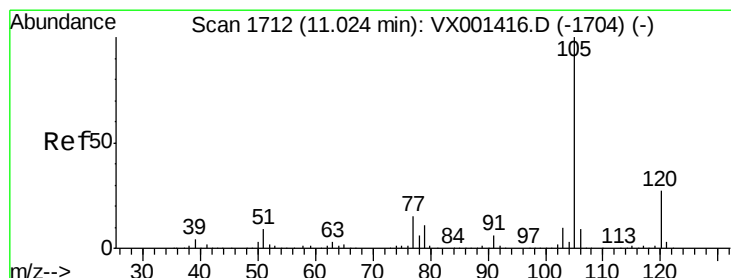
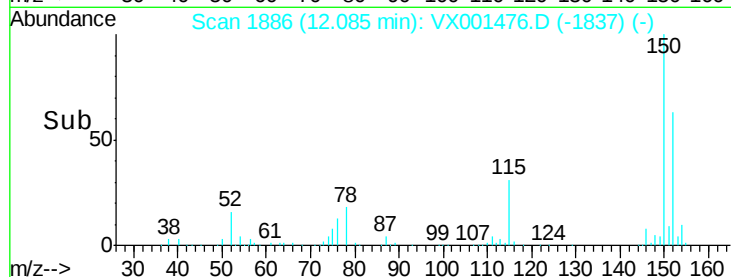
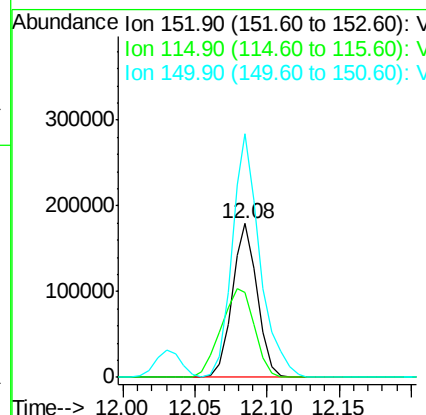
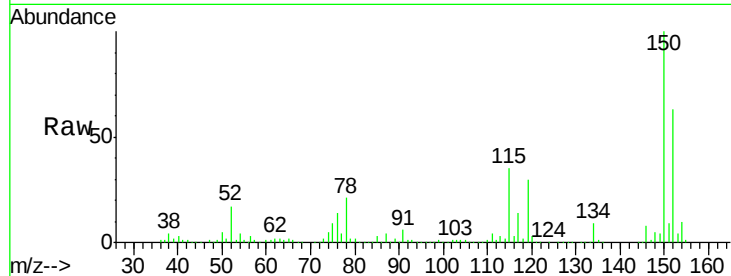
ClientSampleId :

BPS1-TT-MW30312-20180428MS

Tot Ion:	152	Resp:	217802
Ion Ratio	Lower	Upper	
152	100		
115	77.3	37.7	113.1
150	175.5	0.0	349.4

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#73

Isopropylbenzene

Concen: 52.15 ug/l

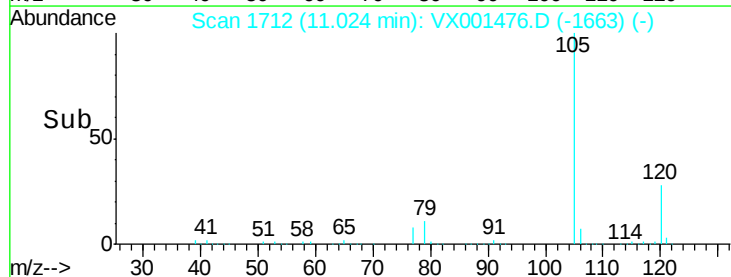
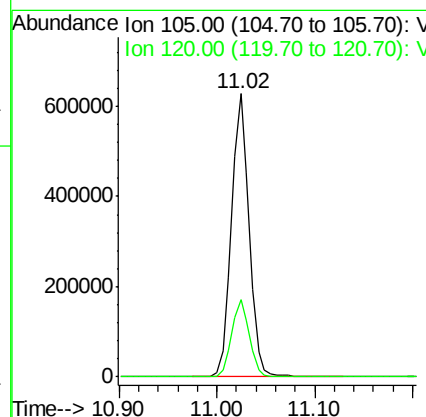
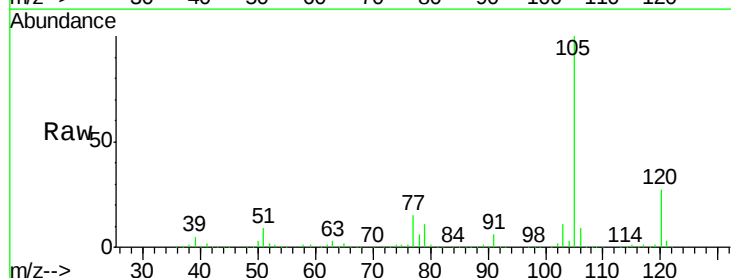
RT: 11.02 min Scan# 1712

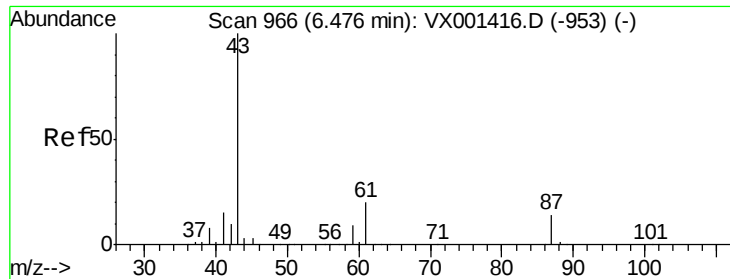
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	105	Resp:	786278
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.6	40.8





#74

N-amvl acetate

Concen: 50.42 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

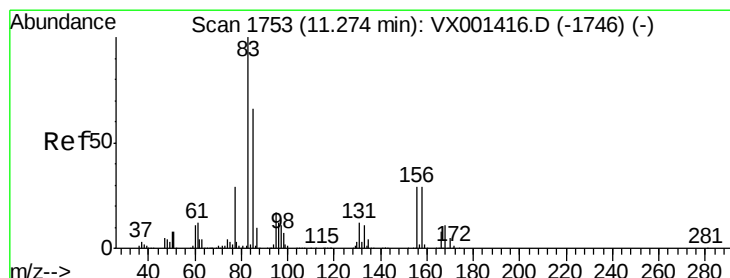
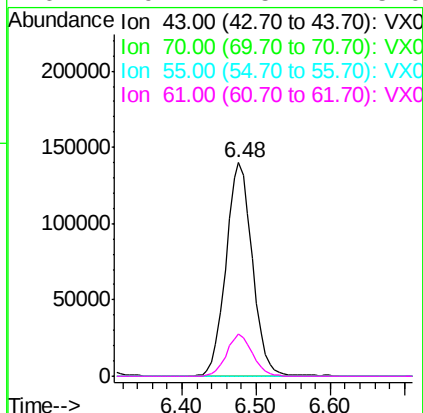
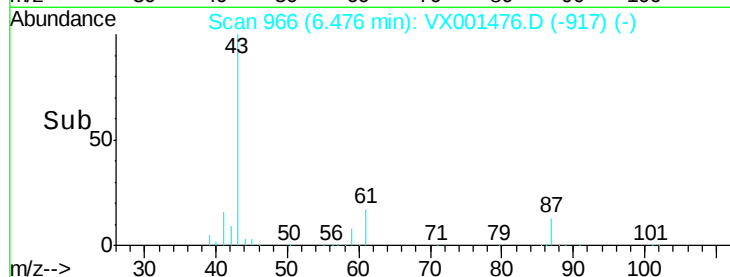
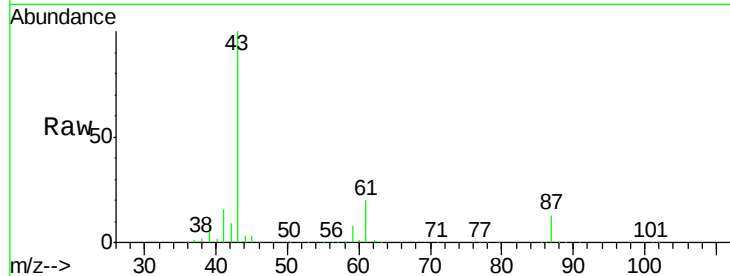
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		345312		
70	0.0	0.0	0.0#		
55	0.1	0.1	0.1#		
61	19.4	15.4	23.0		

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.98 ug/l

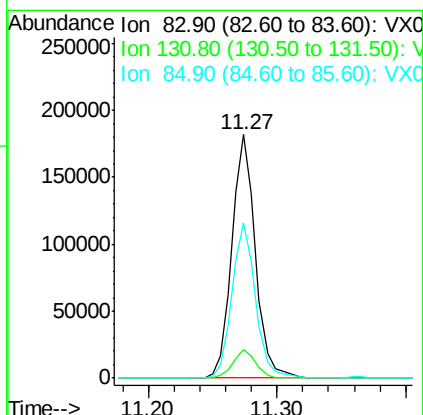
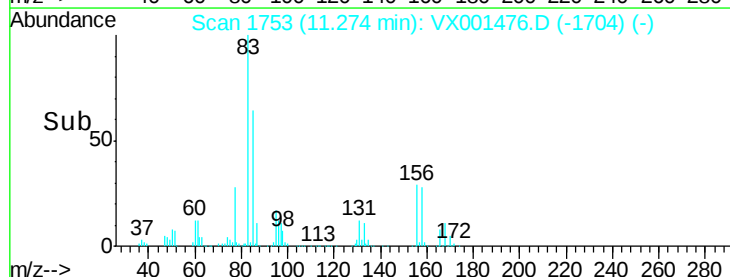
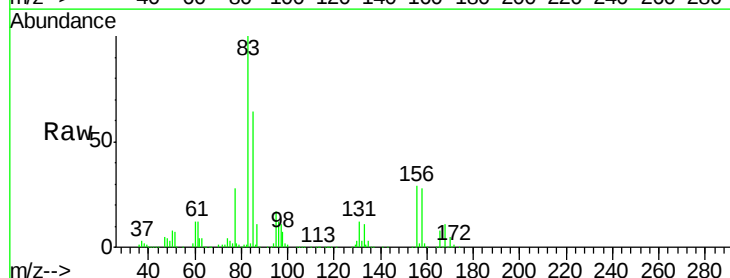
RT: 11.27 min Scan# 1753

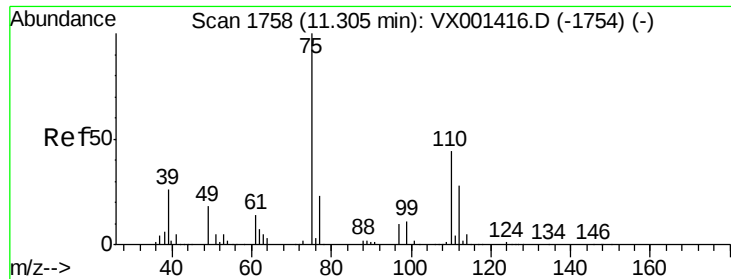
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		231478		
131	11.4	5.8	17.4		
85	64.1	32.7	98.1		





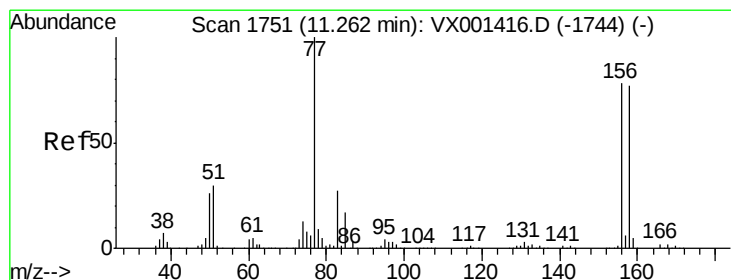
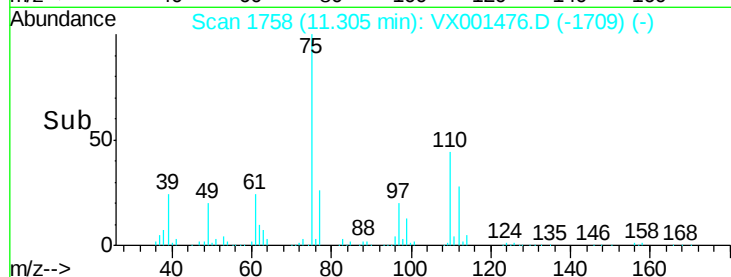
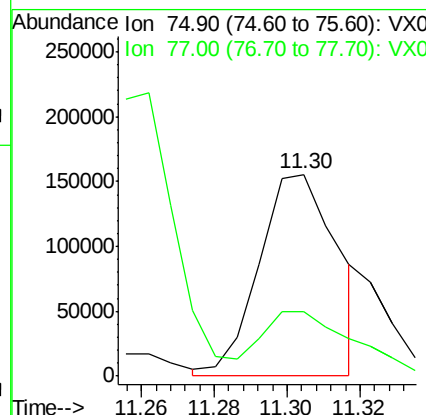
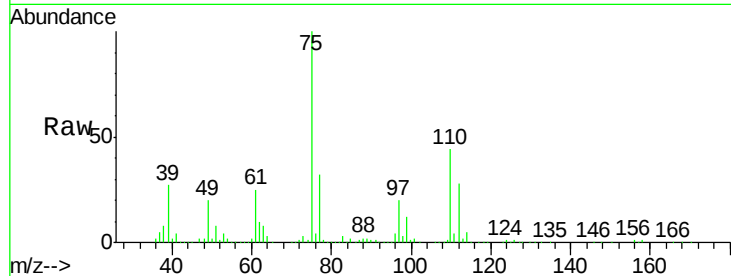
#76
 1,2,3-Trichloropropane
 Concen: 52.39 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion: 75 Resp: 231438
 Ion Ratio Lower Upper
 75 100
 77 37.4 19.6 58.7

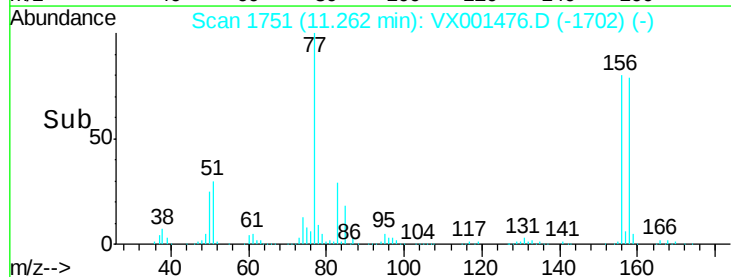
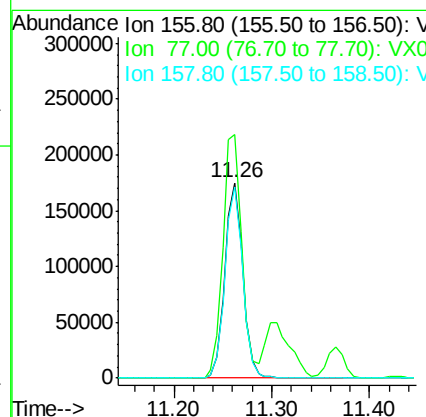
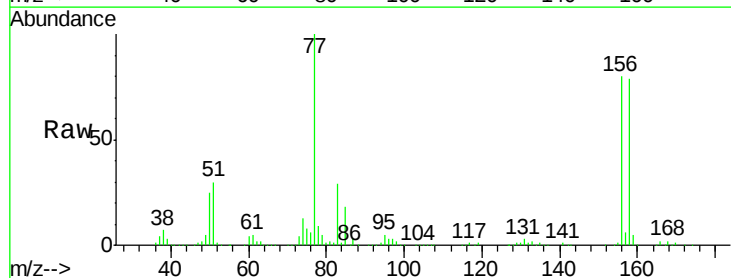
Manual Integrations
 APPROVED

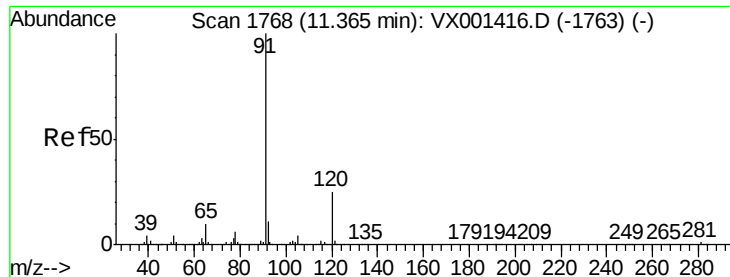
MMDadoda
 5/9/2018 5:47:33 PM



#77
 Bromobenzene
 Concen: 51.04 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion: 156 Resp: 223752
 Ion Ratio Lower Upper
 156 100
 77 132.1 66.0 198.2
 158 97.4 49.4 148.2





#78

n-propylbenzene

Concen: 53.05 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion: 91 Resp: 870993

Ion Ratio Lower Upper

91 100

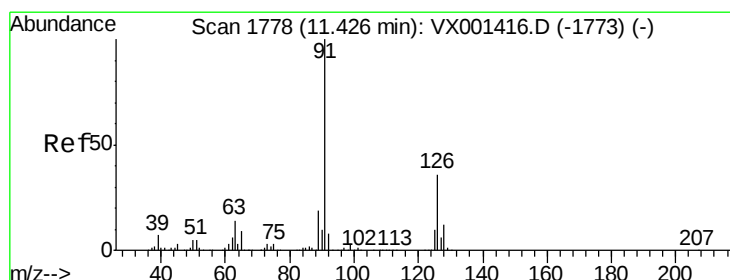
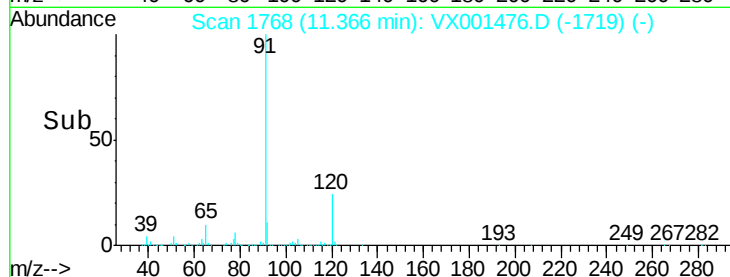
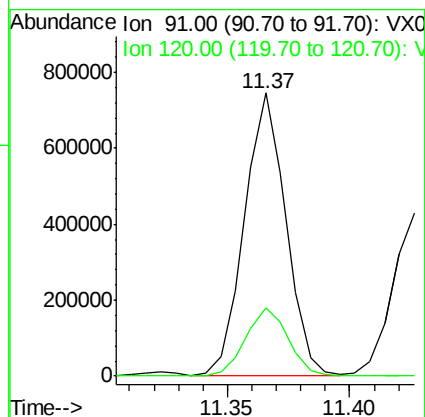
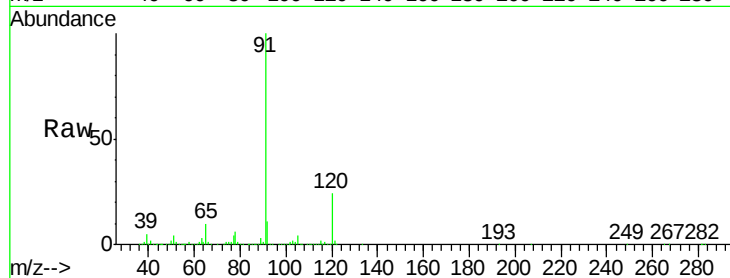
120 24.8 12.5 37.5

Manual Integrations

APPROVED

MMDadoda

5/9/2018 5:47:33 PM



#79

2-Chlorotoluene

Concen: 51.89 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001476.D

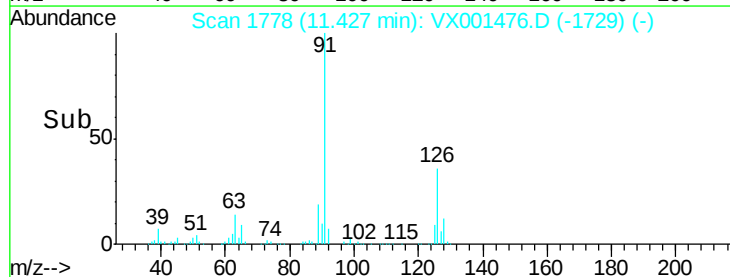
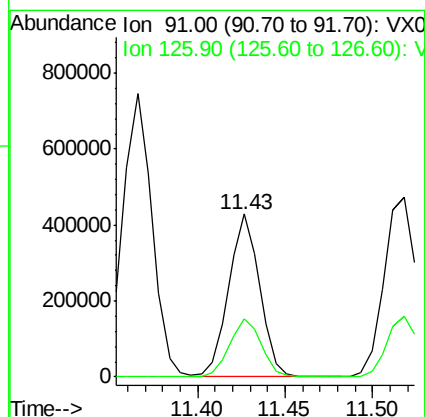
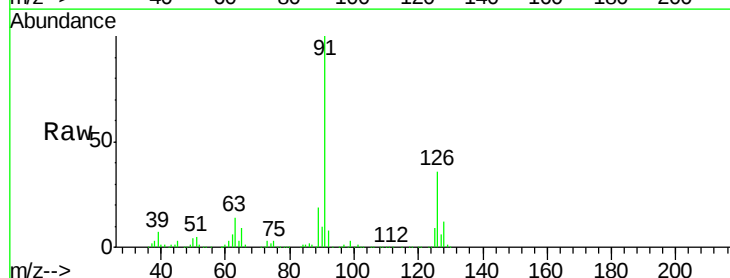
Acq: 07 May 2018 19:47

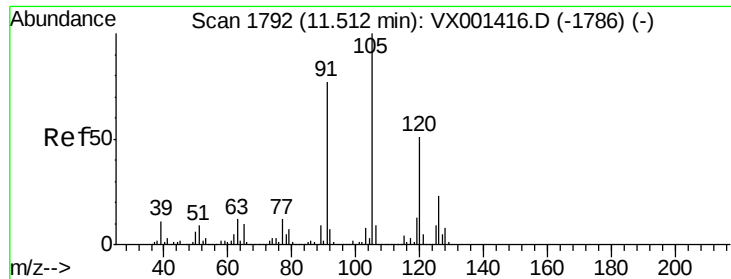
Tgt Ion: 91 Resp: 524310

Ion Ratio Lower Upper

91 100

126 36.7 18.1 54.4





#80

1,3,5-Trimethylbenzene

Concen: 52.77 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:105 Resp: 662432

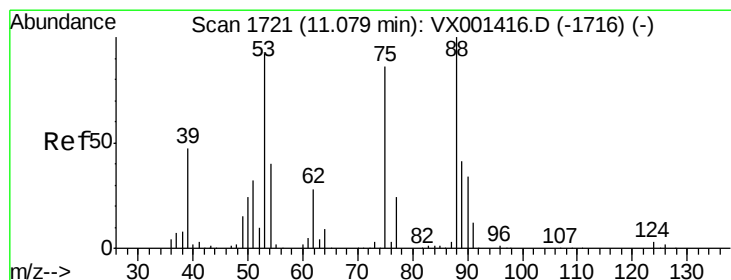
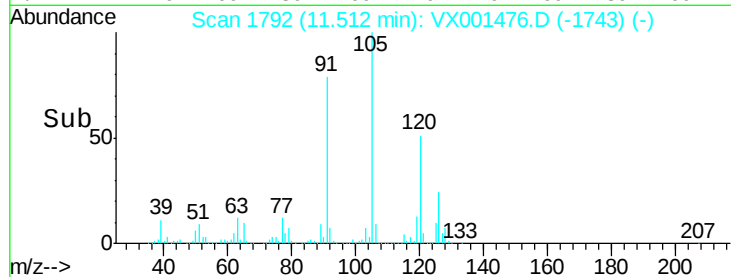
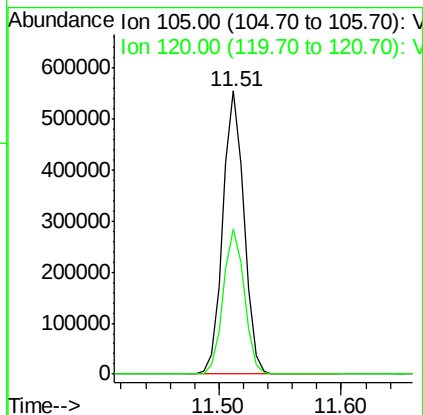
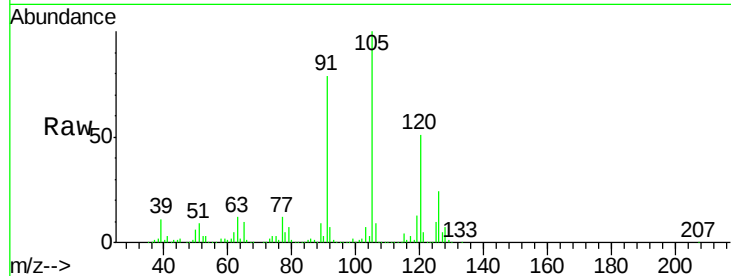
Ion Ratio Lower Upper

105 100

120 51.3 25.7 77.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#81

trans-1,4-Dichloro-2-butene

Concen: 45.74 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

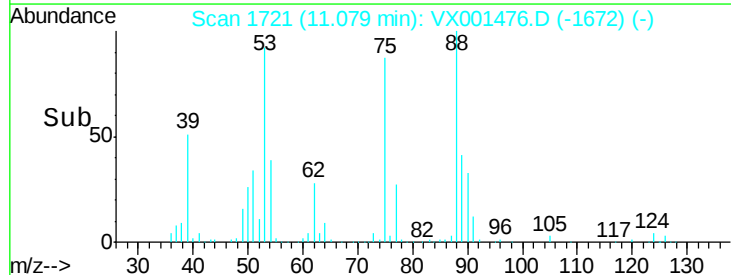
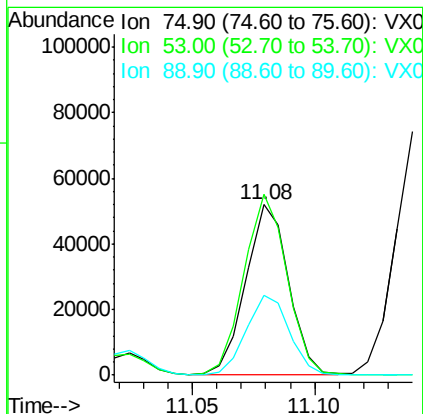
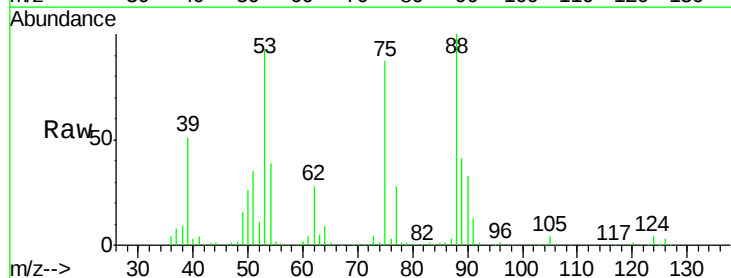
Tgt Ion: 75 Resp: 62812

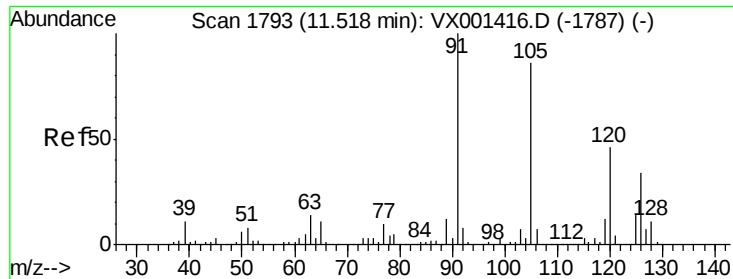
Ion Ratio Lower Upper

75 100

53 107.2 84.5 126.7

89 47.8 39.5 59.3





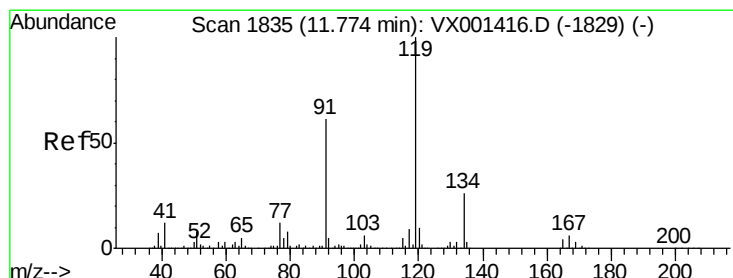
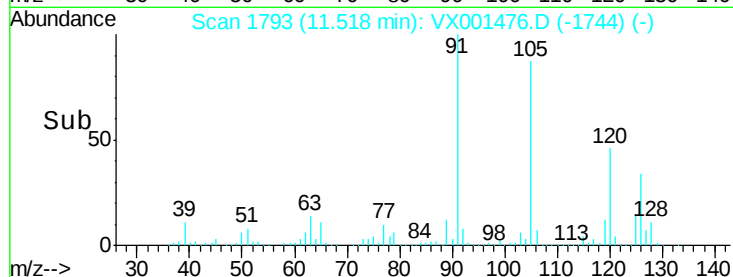
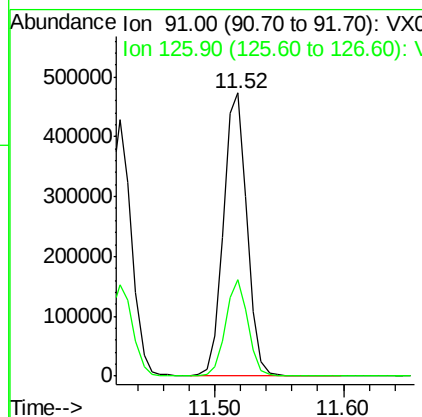
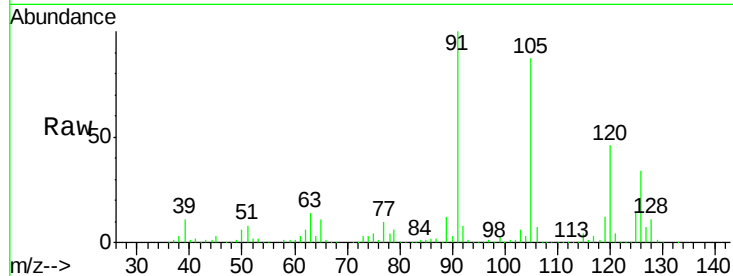
#82
4-Chlorotoluene
Concen: 52.36 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30312-20180428MS

Tot Ion: 91 Resp: 610275
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

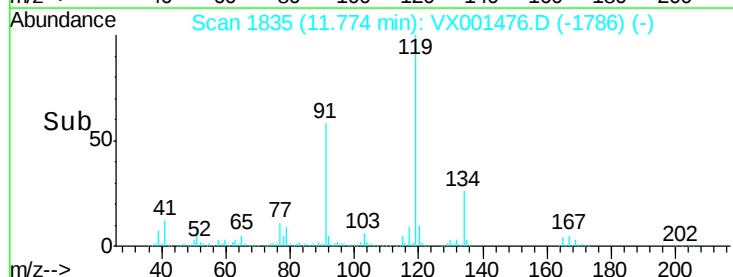
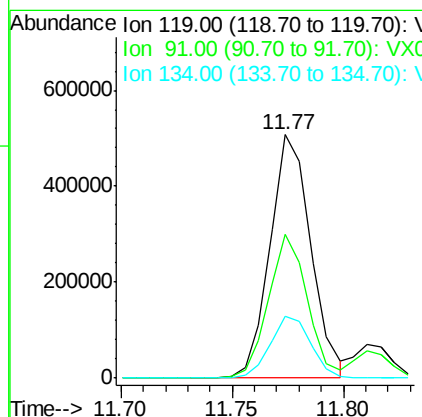
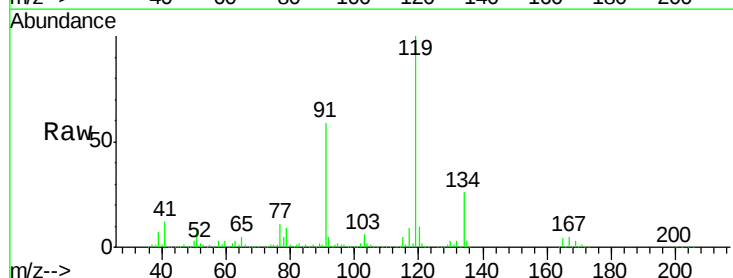
Manual Integrations
APPROVED

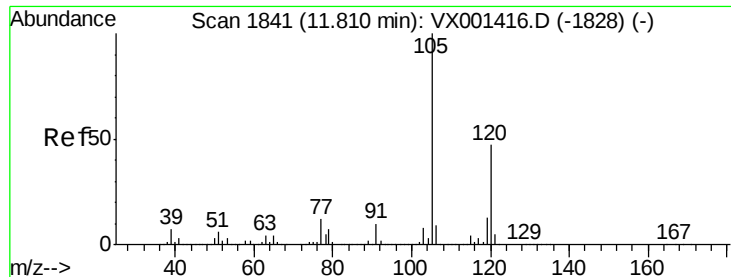
MMDadoda
5/9/2018 5:47:33 PM



#83
tert-Butylbenzene
Concen: 51.68 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion: 119 Resp: 645474
Ion Ratio Lower Upper
119 100
91 56.3 27.8 83.3
134 25.4 12.4 37.0





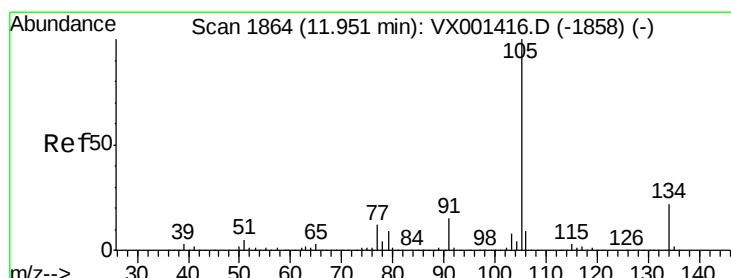
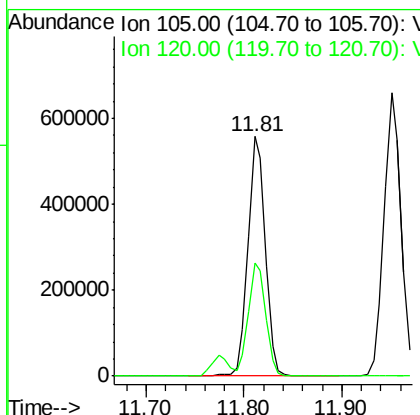
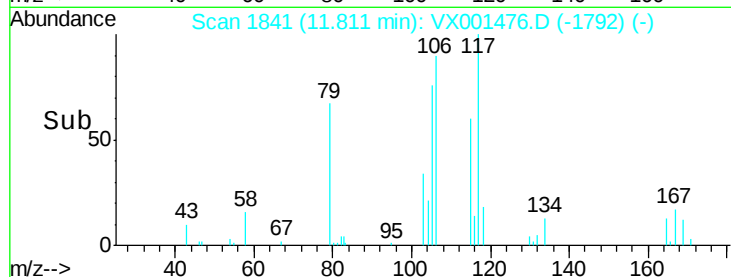
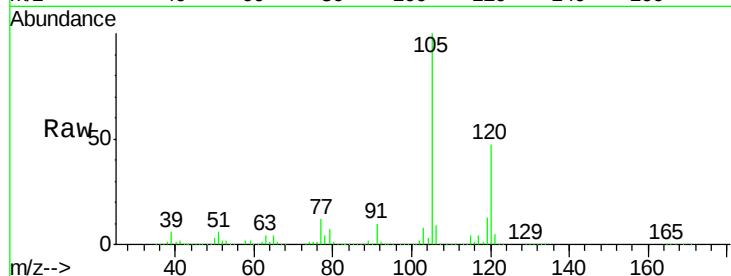
#84
1,2,4-Trimethylbenzene
Concen: 53.22 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion:105 Resp: 686714
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2

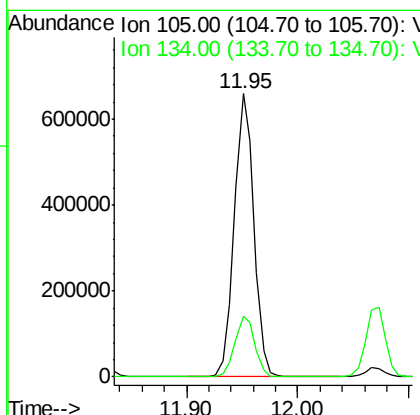
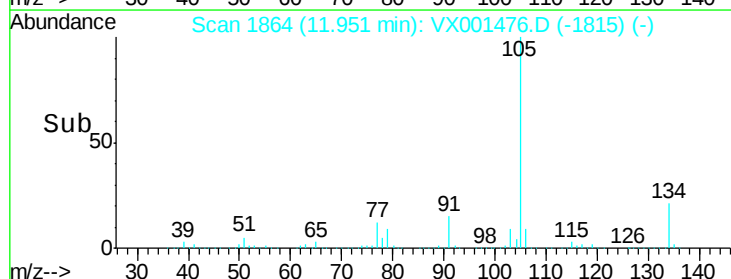
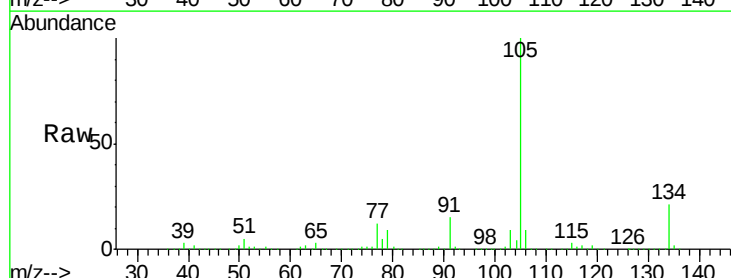
Manual Integrations
APPROVED

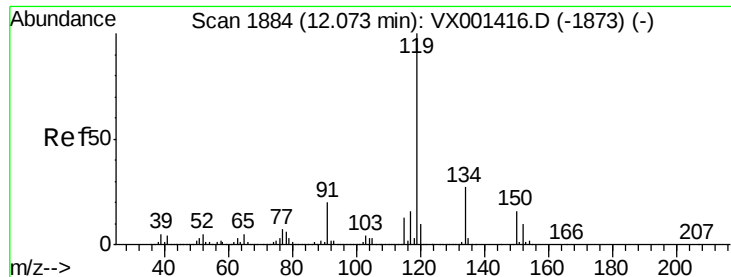
MMDadoda
5/9/2018 5:47:33 PM



#85
sec-Butylbenzene
Concen: 53.17 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion:105 Resp: 797184
Ion Ratio Lower Upper
105 100
134 21.8 10.9 32.9





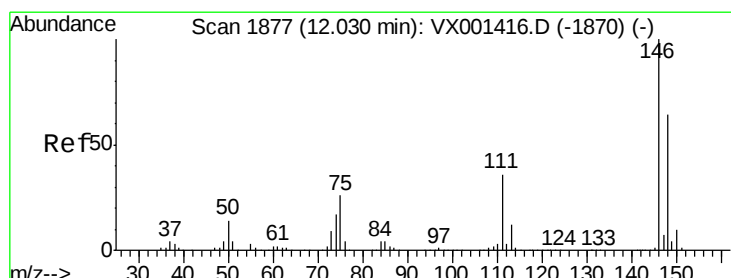
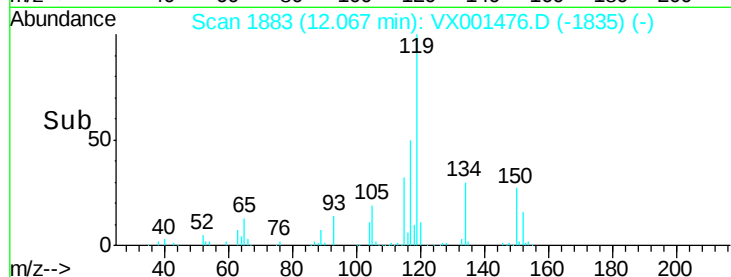
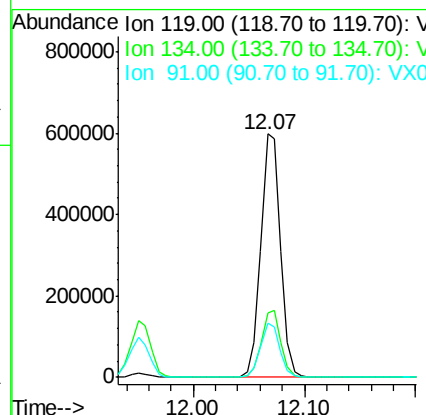
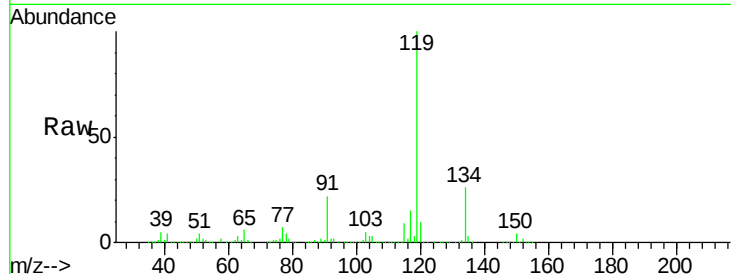
#86
p-Isopropyltoluene
Concen: 53.48 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.01 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30312-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	735604		
134	26.9		13.6	40.8
91	21.7		10.8	32.3

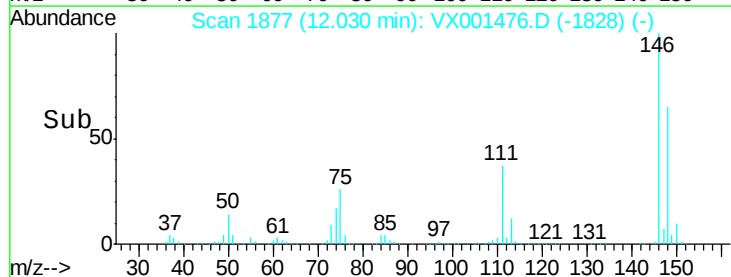
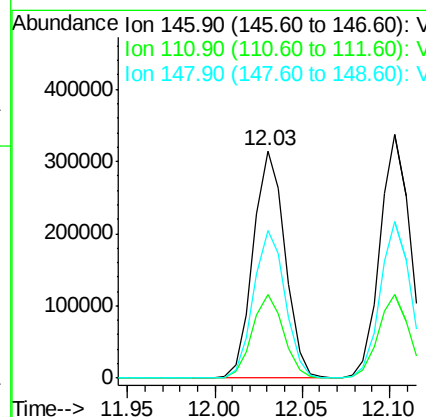
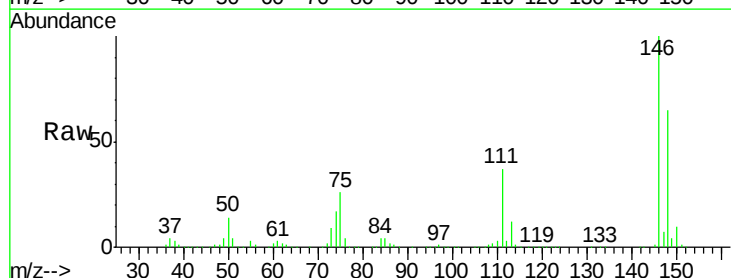
Manual Integrations
APPROVED

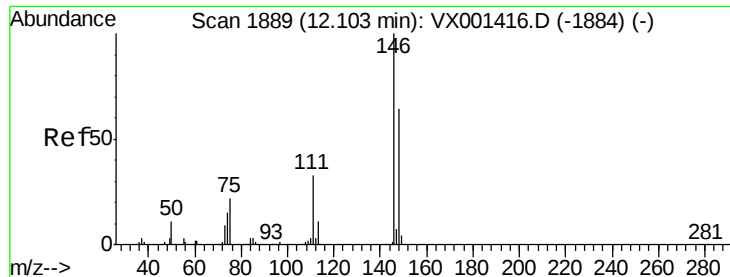
MMDadoda
5/9/2018 5:47:33 PM



#87
1,3-Dichlorobenzene
Concen: 50.87 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	398639		
111	36.0		18.1	54.1
148	64.5		32.1	96.5





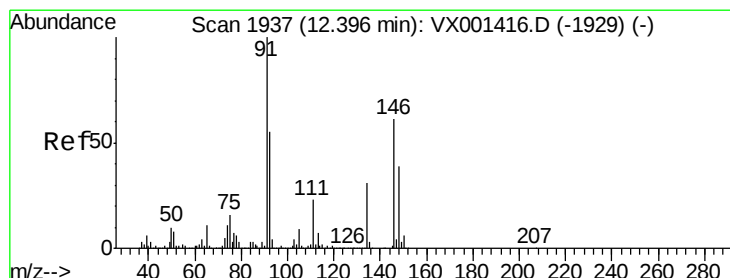
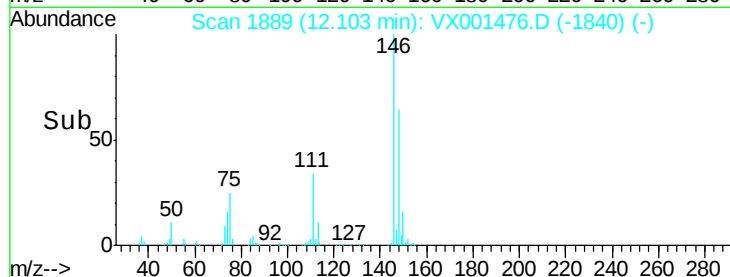
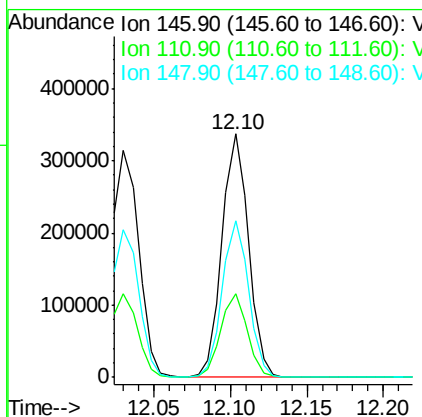
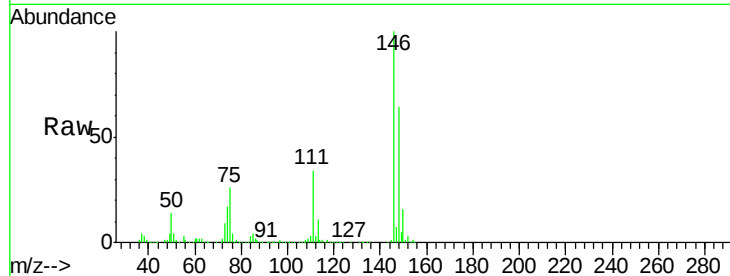
#88
 1,4-Dichlorobenzene
 Concen: 50.70 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.4	52.3
148	64.3	32.2	96.6

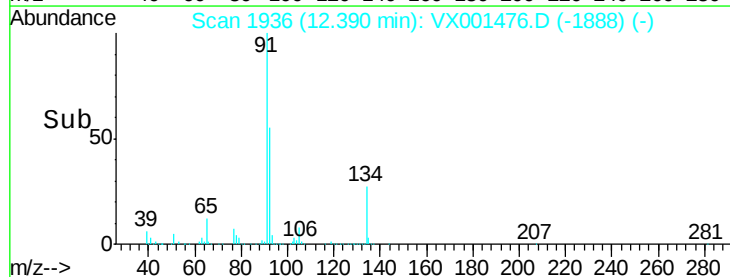
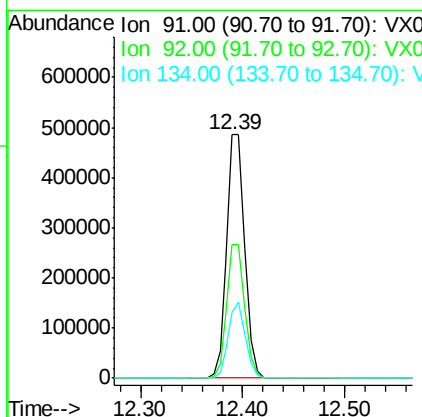
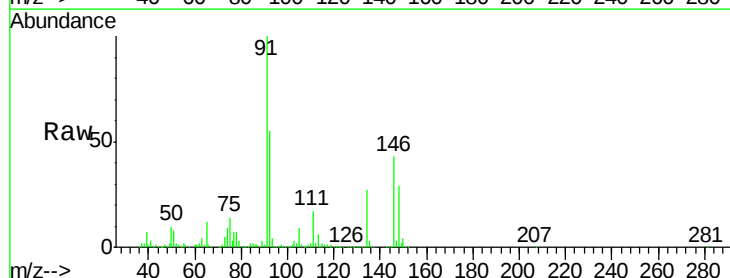
Manual Integrations
 APPROVED

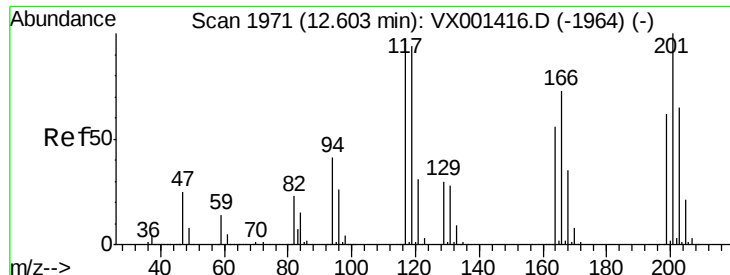
MMDadoda
 5/9/2018 5:47:33 PM



#89
 n-Butylbenzene
 Concen: 51.72 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	29.3	14.6	44.0





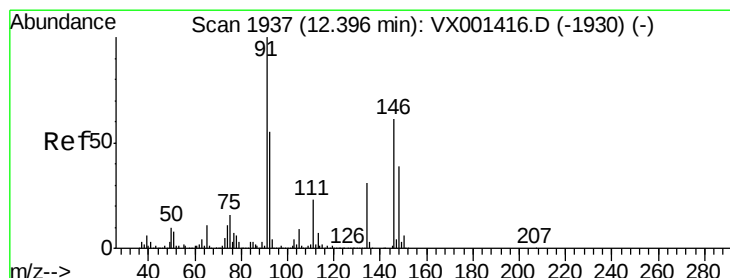
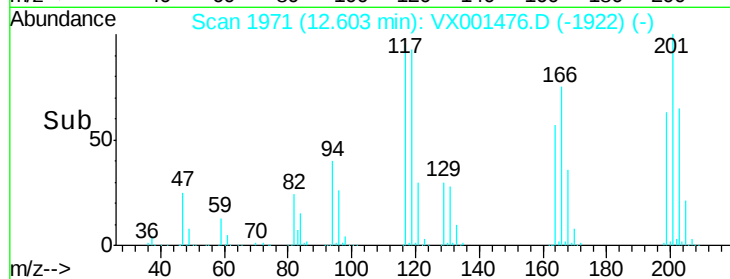
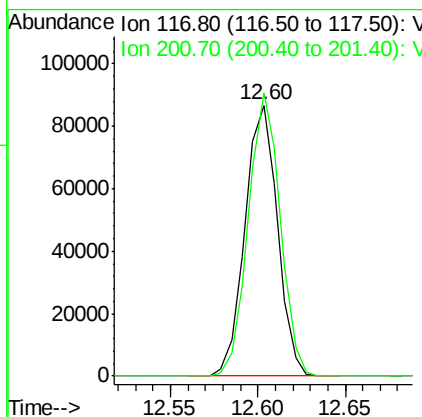
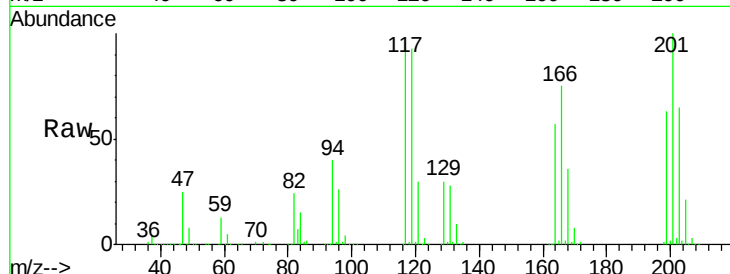
#90
Hexachloroethane
Concen: 54.04 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	111906		
166	102.5	51.5	154.5	

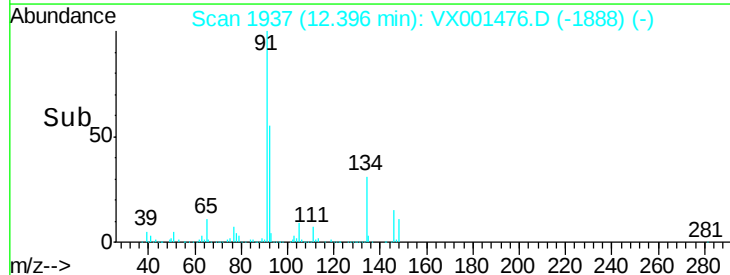
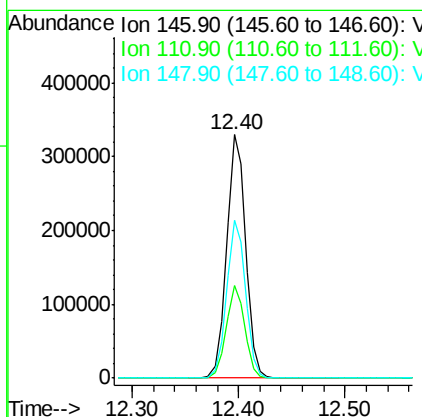
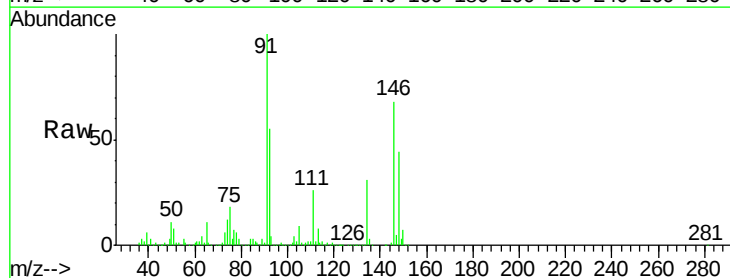
Manual Integrations
APPROVED

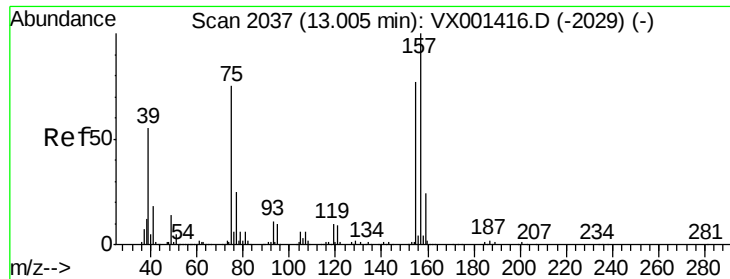
MMDadoda
5/9/2018 5:47:33 PM



#91
1,2-Dichlorobenzene
Concen: 51.51 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001476.D
Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	410621		
111	37.3	18.6	55.8	
148	64.7	32.1	96.5	





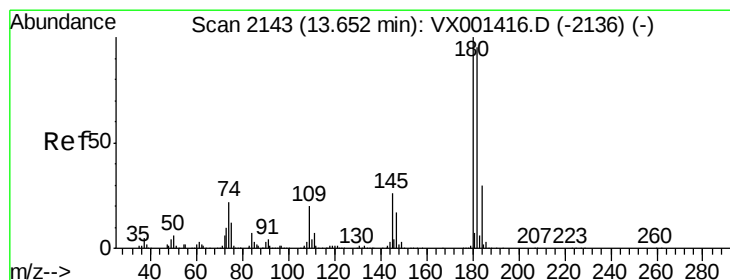
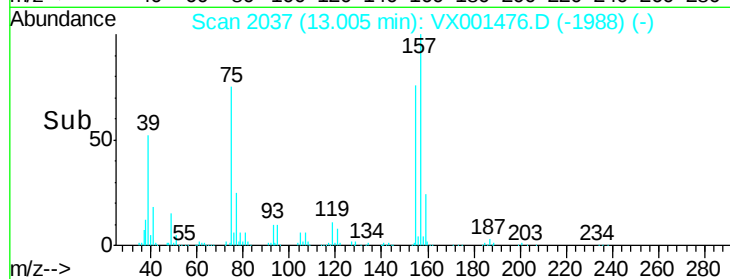
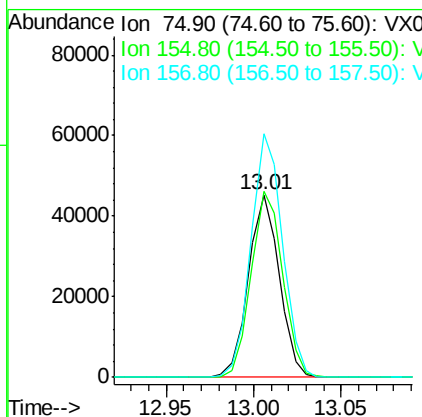
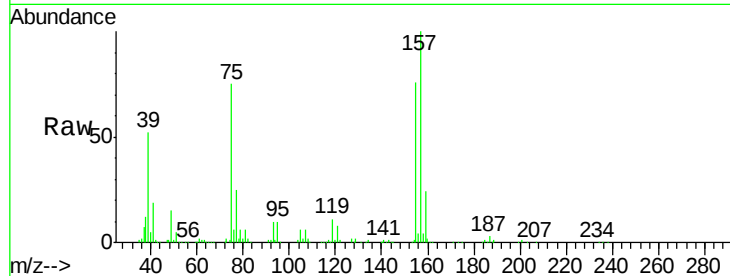
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.72 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	104.1	53.4	160.2
157	136.3	68.3	204.8

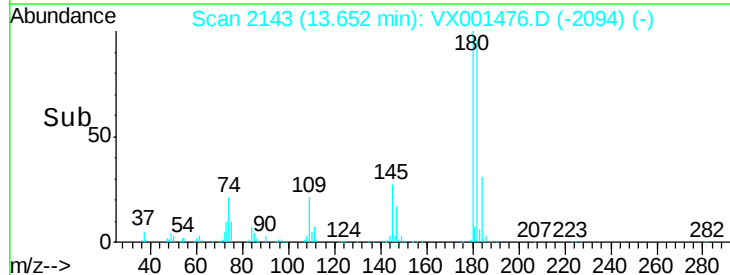
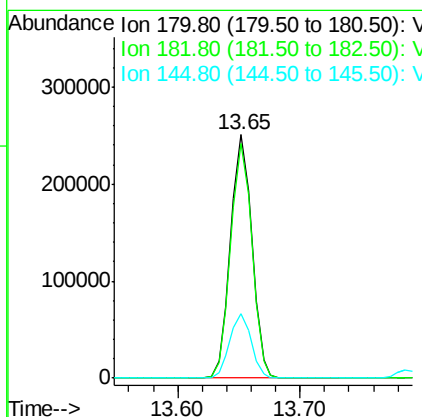
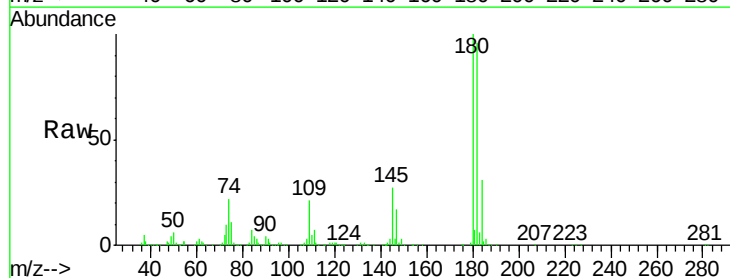
Manual Integrations
 APPROVED

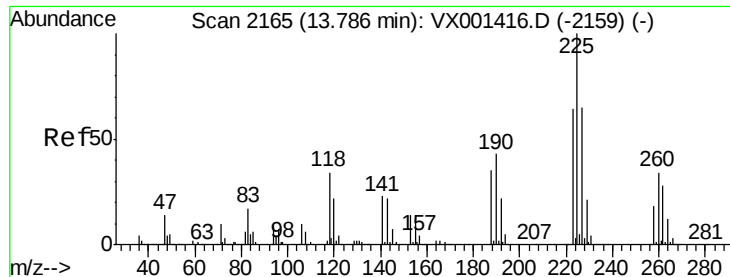
MMDadoda
 5/9/2018 5:47:33 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 51.67 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	26.7	13.3	39.9





#94

Hexachlorobutadiene

Concen: 48.47 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Instrument :

MSVOA_X

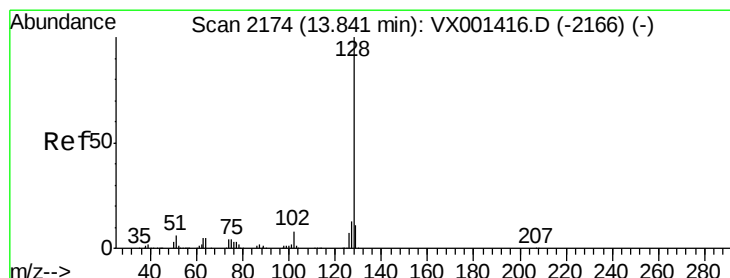
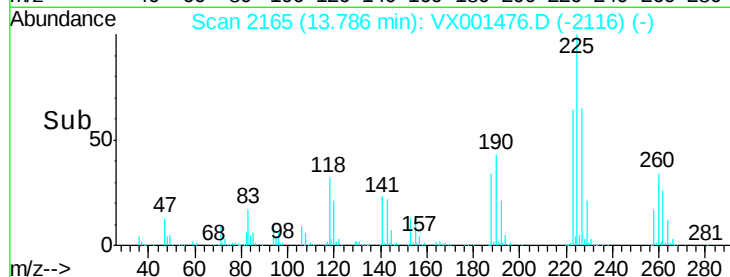
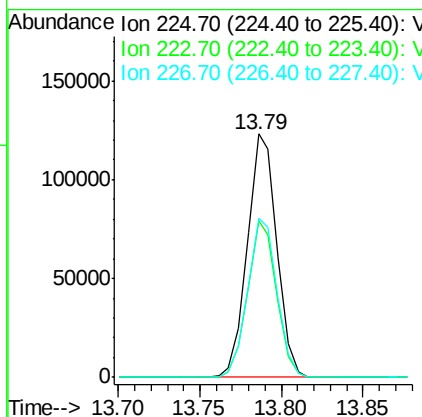
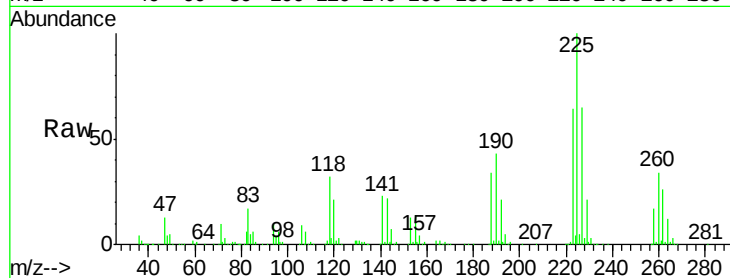
ClientSampleId :

BPS1-TT-MW303I2-20180428MS

Tot Ion:	225	Resp:	154718
Ion Ratio		Lower	Upper
225	100		
223	63.1	31.3	93.9
227	65.5	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:33 PM



#95

Naphthalene

Concen: 55.15 ug/l

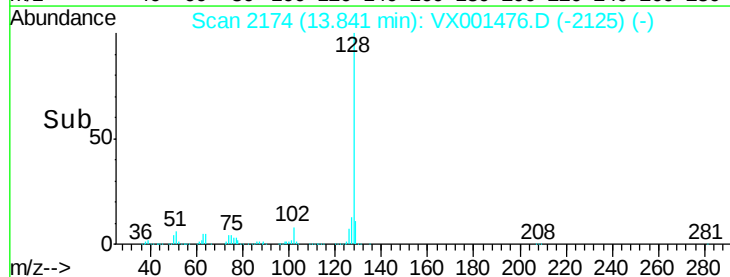
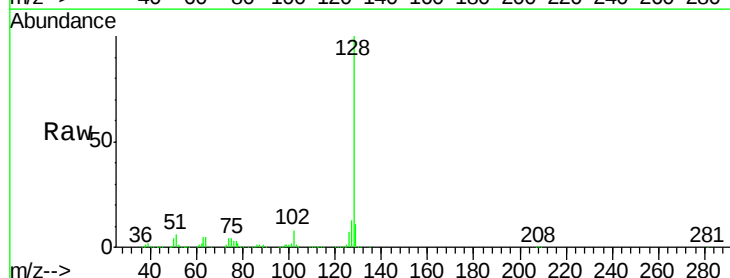
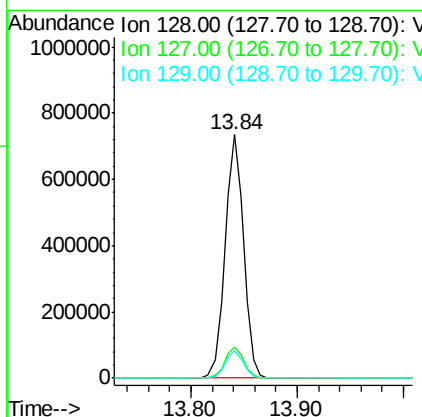
RT: 13.84 min Scan# 2174

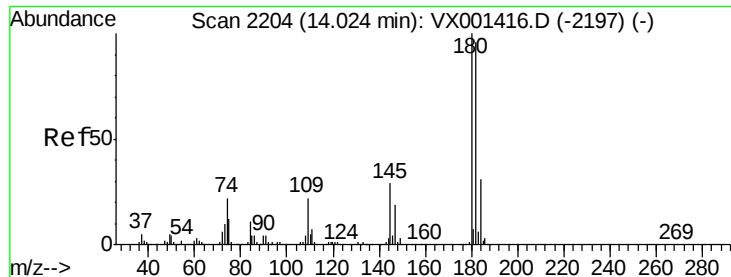
Delta R.T. 0.00 min

Lab File: VX001476.D

Acq: 07 May 2018 19:47

Tgt Ion:	128	Resp:	889731
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1





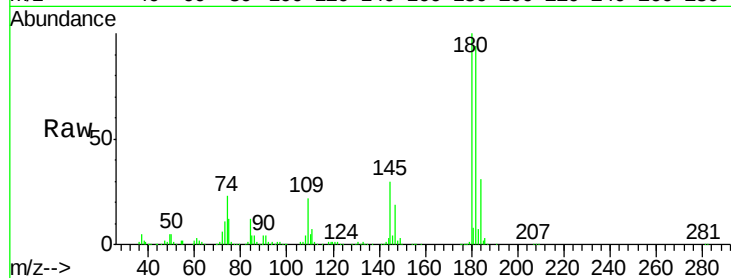
#96
 1,2,3-Trichlorobenzene
 Concen: 52.35 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001476.D
 Acq: 07 May 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW303I2-20180428MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.4	48.0	144.2
145	28.6	14.1	42.4

Manual Integrations
 APPROVED

MMDadoda
 5/9/2018 5:47:33 PM



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

