

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007346.D
 Acq On : 01 Feb 2019 19:33
 Operator : JC/SP
 Sample : K1296-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:42 AM

Quant Time: Feb 02 04:11:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	448134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	673045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	637164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	332600	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	236614	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.50	113	217875	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	8.71	98	811102	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	11.13	95	296948	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	277431	50.378	ug/l	97
3) Chloromethane	1.33	50	260574	51.624	ug/l	99
4) Vinyl Chloride	1.41	62	267105	53.940	ug/l	99
5) Bromomethane	1.64	94	258078	52.736	ug/l	98
6) Chloroethane	1.72	64	161413	50.389	ug/l	99
7) Trichlorofluoromethane	1.93	101	394526	50.930	ug/l	100
8) Diethyl Ether	2.19	74	146242	50.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221312	48.030	ug/l	98
10) Methyl Iodide	2.51	142	350382	51.692	ug/l	100
11) Tert butyl alcohol	3.07	59	264775	268.977	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212141	49.580	ug/l	99
13) Acrolein	2.30	56	156566	339.180	ug/l	98
14) Allyl chloride	2.73	41	358042	51.356	ug/l	99
15) Acrylonitrile	3.15	53	626616	257.322	ug/l	99
16) Acetone	2.45	43	539123	247.433	ug/l	99
17) Carbon Disulfide	2.57	76	559624	50.016	ug/l	100
18) Methyl Acetate	2.78	43	289642	51.008	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	701564	50.611	ug/l	99
20) Methylene Chloride	2.86	84	237756	53.449	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	222817	48.885	ug/l	99
22) Diisopropyl ether	3.87	45	647961	50.527	ug/l	97
23) Vinyl Acetate	3.82	43	2541370	238.813	ug/l	99
24) 1,1-Dichloroethane	3.70	63	362180	49.179	ug/l	99
25) 2-Butanone	4.70	43	810446	261.368	ug/l	98
26) 2,2-Dichloropropane	4.59	77	246189	43.896	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	240954	48.400	ug/l	98
28) Bromochloromethane	5.02	49	165044	48.733	ug/l	98
29) Tetrahydrofuran	5.15	42	528836	271.173	ug/l	99
30) Chloroform	5.21	83	388060	50.497	ug/l	100
31) Cyclohexane	5.57	56	325041	49.142	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	330771	50.992	ug/l	99
36) 1,1-Dichloropropene	5.80	75	279173	46.230	ug/l	100
37) Ethyl Acetate	4.85	43	284147	46.547	ug/l	99
38) Carbon Tetrachloride	5.78	117	294776	50.315	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339411	46.454	ug/l	99
40) Benzene	6.14	78	858845	48.281	ug/l	100
41) Methacrylonitrile	5.06	41	168626	51.541	ug/l	99
42) 1,2-Dichloroethane	6.20	62	297002	48.256	ug/l	100
43) Isopropyl Acetate	6.46	43	460089	48.829	ug/l	100
44) Trichloroethene	7.21	130	254897	47.577	ug/l	97
45) 1,2-Dichloropropane	7.51	63	218418	49.006	ug/l	98
46) Dibromomethane	7.66	93	156383	48.276	ug/l	99
47) Bromodichloromethane	7.90	83	276538	50.372	ug/l	96
48) Methyl methacrylate	7.77	41	252590	53.594	ug/l	100
49) 1,4-Dioxane	7.75	88	112202	1046.502	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1632285	263.153	ug/l	100
52) Toluene	8.79	92	559220	48.725	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	303124	51.403	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	327141	50.446	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	232914	48.685	ug/l	98
56) Ethyl methacrylate	9.18	69	341403	51.524	ug/l	100
57) 1,3-Dichloropropane	9.37	76	374614	49.239	ug/l	100
59) 2-Hexanone	9.49	43	1236398	256.152	ug/l	99
60) Dibromochloromethane	9.58	129	245802	54.325	ug/l	97
61) 1,2-Dibromoethane	9.67	107	254738	50.280	ug/l	99
64) Tetrachloroethene	9.34	164	257427	42.866	ug/l	100
65) Chlorobenzene	10.14	112	652854	46.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	233026	49.988	ug/l	99
67) Ethyl Benzene	10.25	91	1077414	48.118	ug/l	98
68) m/p-Xylenes	10.36	106	856781	96.260	ug/l	99
69) o-Xylene	10.70	106	419592	48.991	ug/l	99
70) Stvrene	10.71	104	685139	49.326	ug/l	99
71) Bromoform	10.86	173	190372	46.839	ug/l #	98
73) Isopropylbenzene	11.02	105	1111231	49.165	ug/l	99
74) N-amyl acetate	10.90	43	412021	47.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	344428	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	324687m	50.187	ug/l	
77) Bromobenzene	11.26	156	305888	48.033	ug/l	100
78) n-propylbenzene	11.36	91	1260559	50.861	ug/l	100
79) 2-Chlorotoluene	11.42	91	729861	48.532	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	921146	49.816	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	96606	46.480	ug/l	96
82) 4-Chlorotoluene	11.51	91	851348	48.924	ug/l	100
83) tert-Butylbenzene	11.77	119	902741	49.310	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	940046	50.075	ug/l	99
85) sec-Butylbenzene	11.94	105	1111387	50.158	ug/l	99
86) p-Isopropyltoluene	12.06	119	999178	49.955	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	536045	46.903	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	534210	46.072	ug/l	99
89) n-Butylbenzene	12.39	91	835856	48.579	ug/l	100
90) Hexachloroethane	12.60	117	158049	52.797	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	526769	46.314	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72865	50.874	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	360038	46.939	ug/l	99

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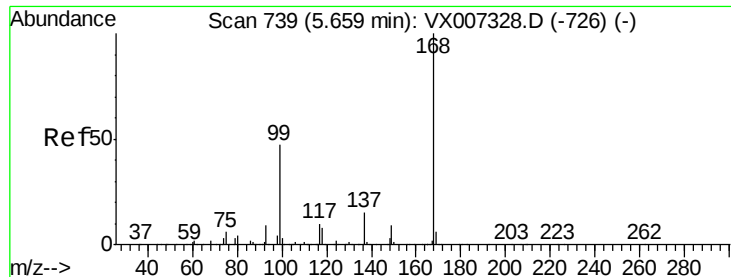
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	169421	45.488	ug/l	98
95) Naphthalene	13.83	128	1124712	50.142	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	361437	46.812	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:168 Resp: 448134

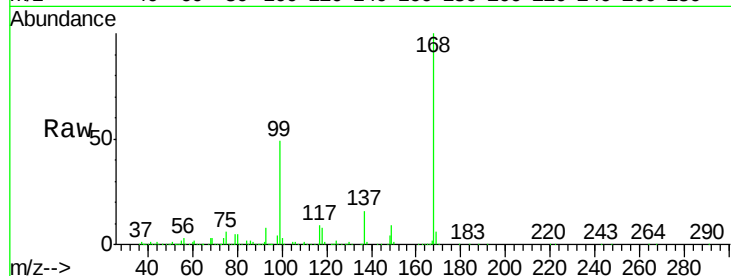
Ion Ratio Lower Upper

168 100

99 49.2 37.9 56.9

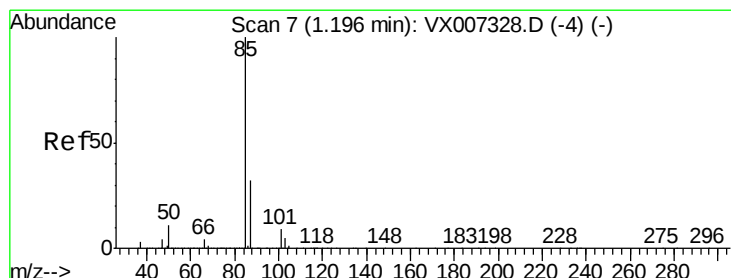
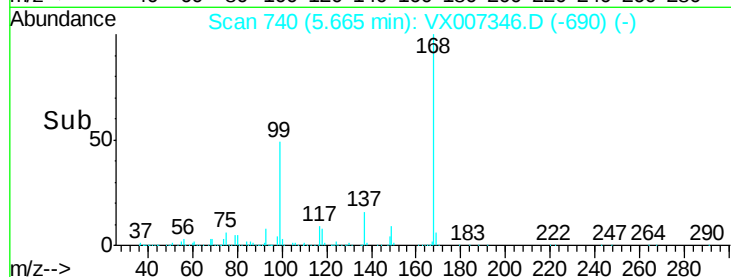
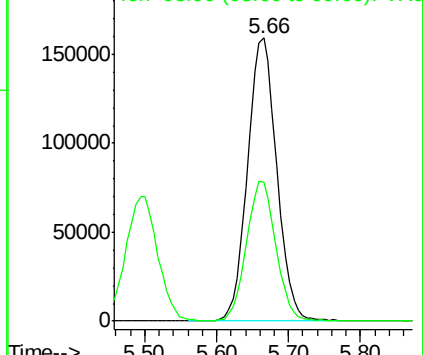
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.378 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007346.D

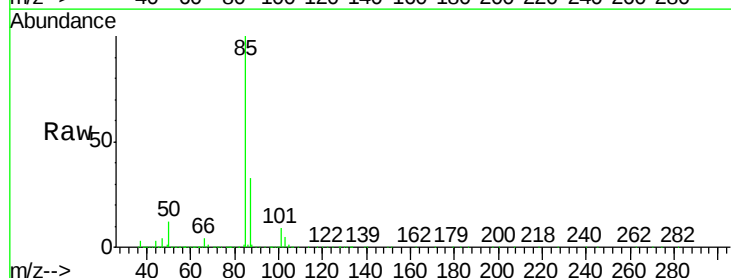
Acq: 01 Feb 2019 19:33

Tgt Ion: 85 Resp: 277431

Ion Ratio Lower Upper

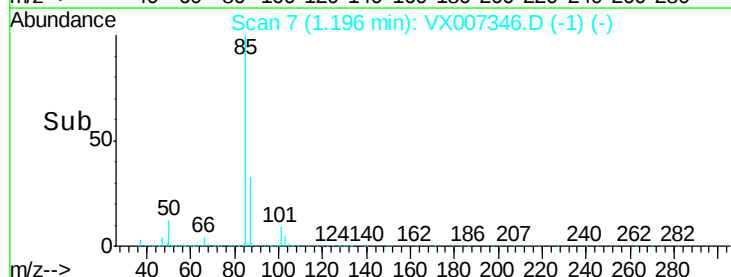
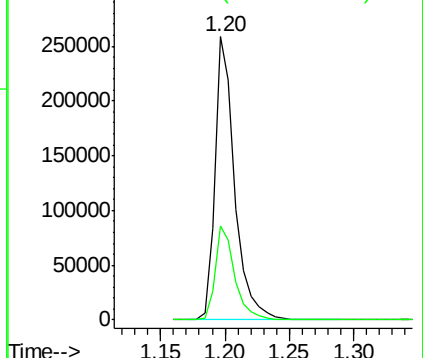
85 100

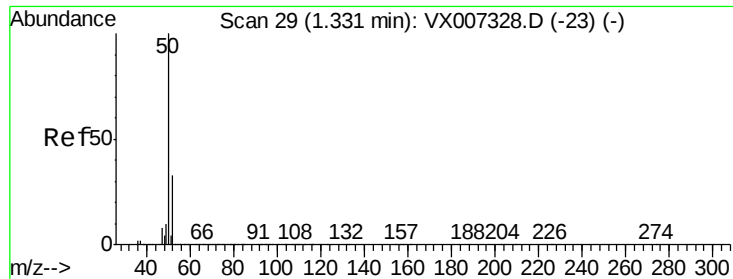
87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.624 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 50 Resp: 260574

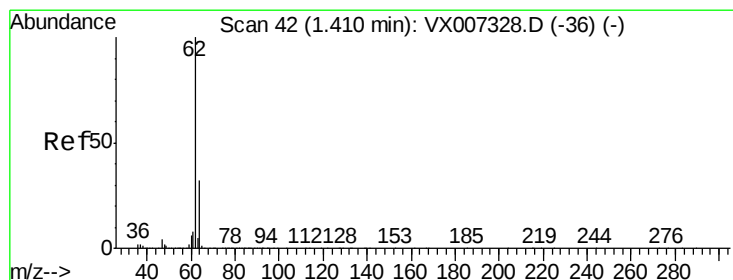
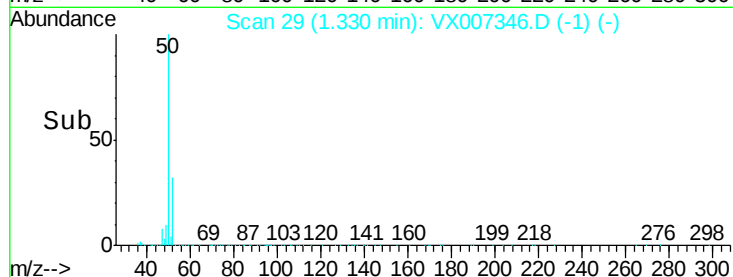
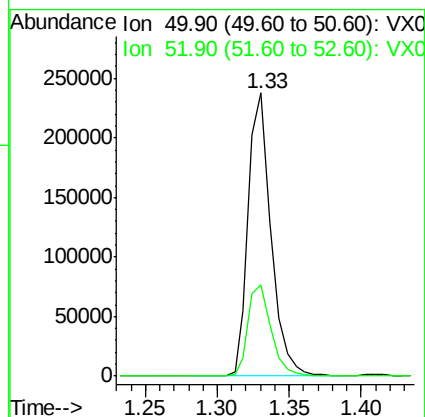
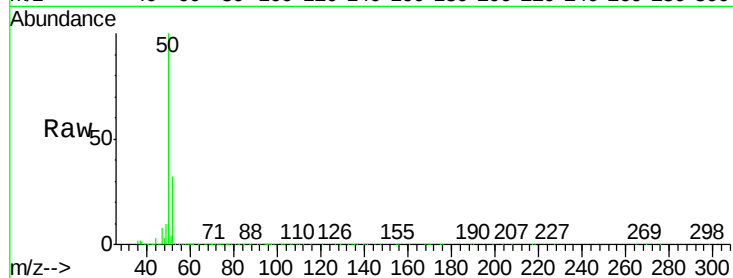
Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 53.940 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007346.D

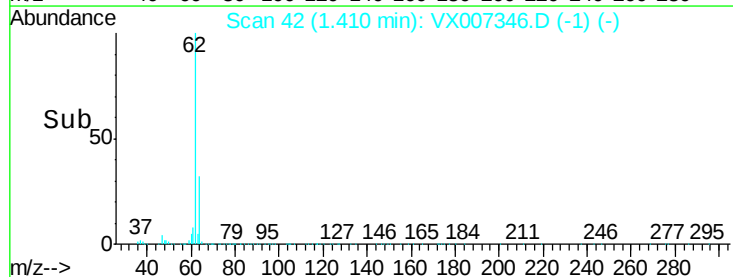
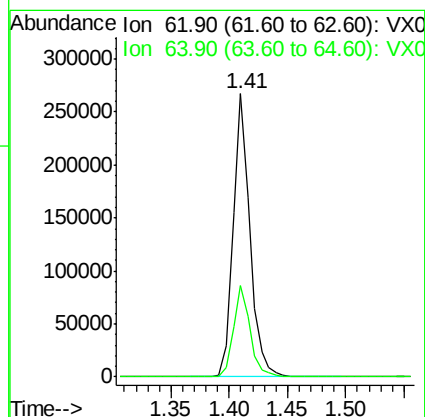
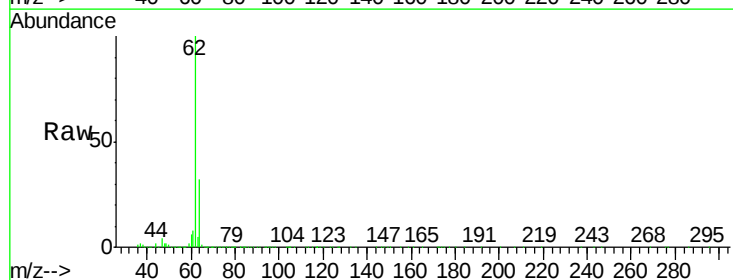
Acq: 01 Feb 2019 19:33

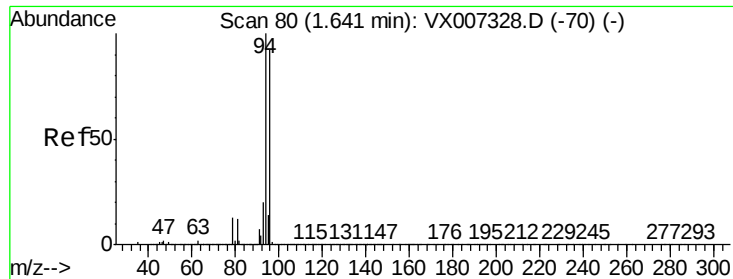
Tgt Ion: 62 Resp: 267105

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 52.736 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

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ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 94 Resp: 258078

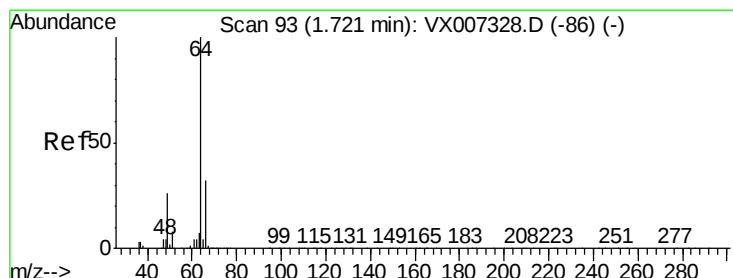
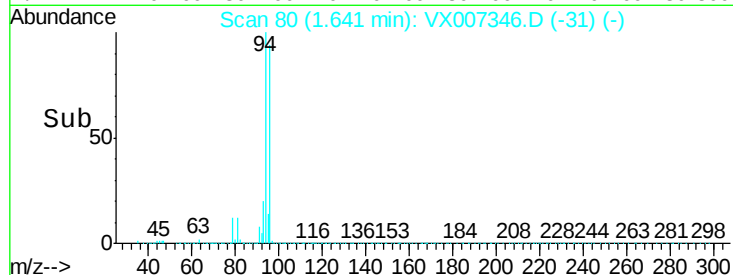
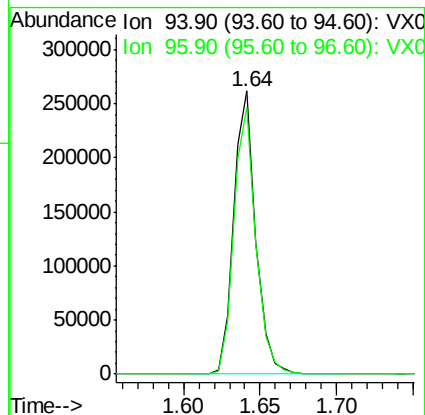
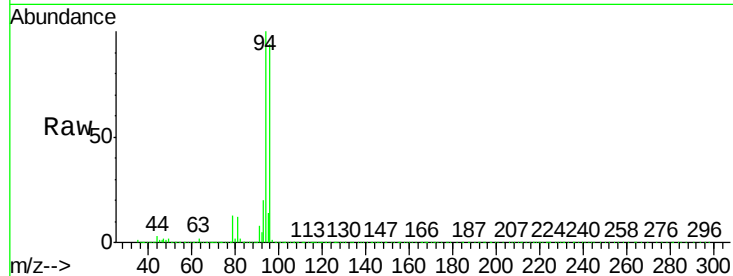
Ion Ratio Lower Upper

94 100

96 94.2 73.9 110.9

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#6

Chloroethane

Concen: 50.389 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007346.D

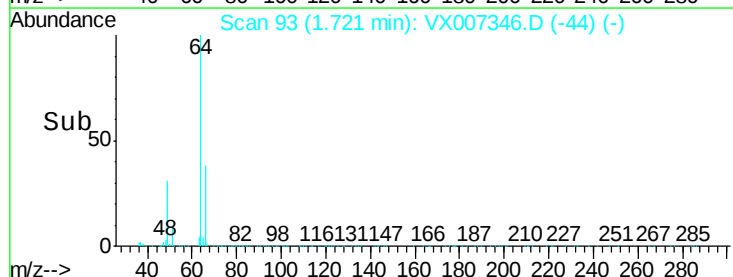
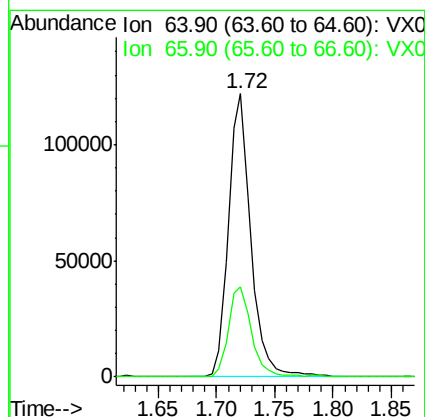
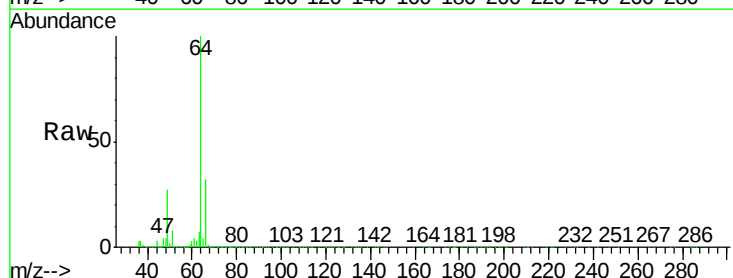
Acq: 01 Feb 2019 19:33

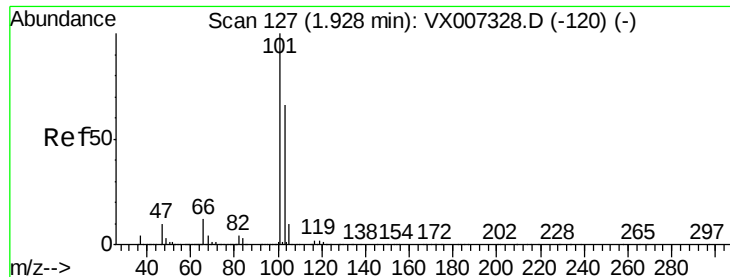
Tgt Ion: 64 Resp: 161413

Ion Ratio Lower Upper

64 100

66 31.6 25.5 38.3





#7

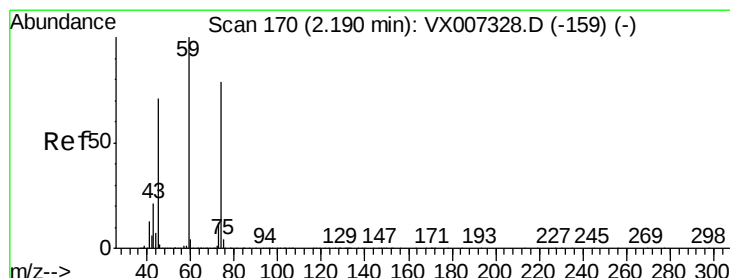
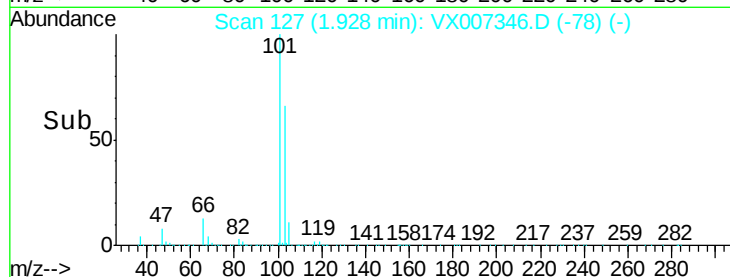
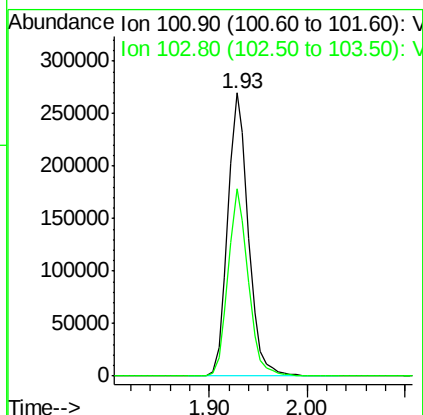
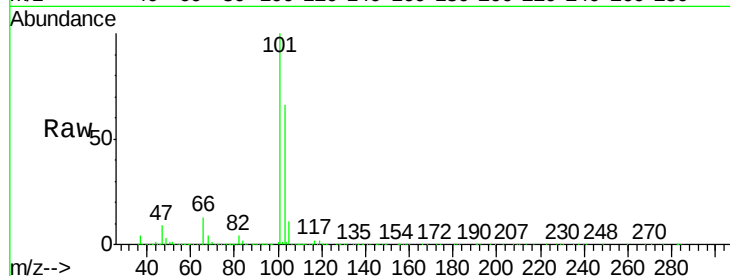
Trichlorofluoromethane
Concen: 50.930 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	52.6	79.0

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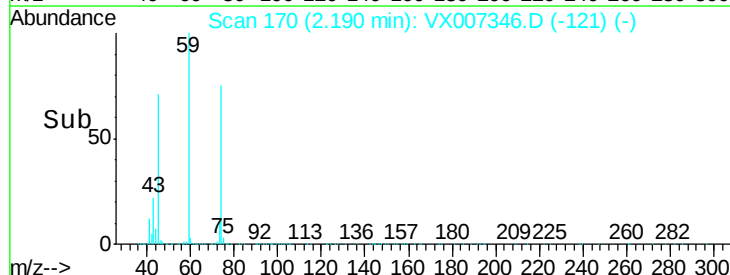
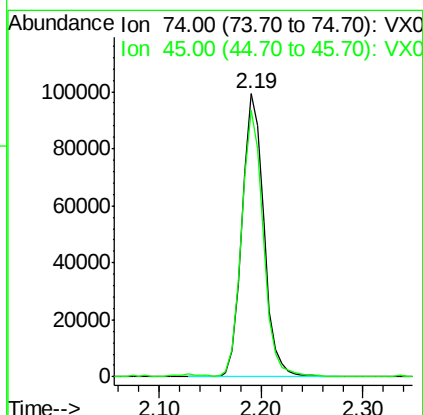
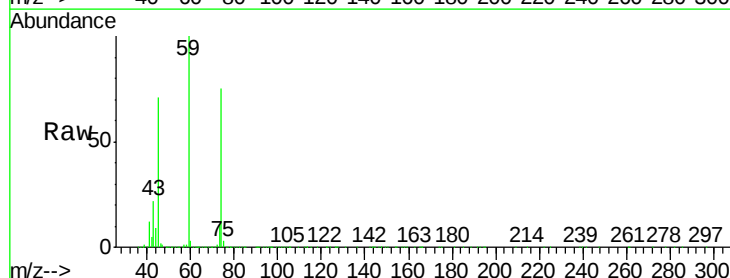
MMDadoda
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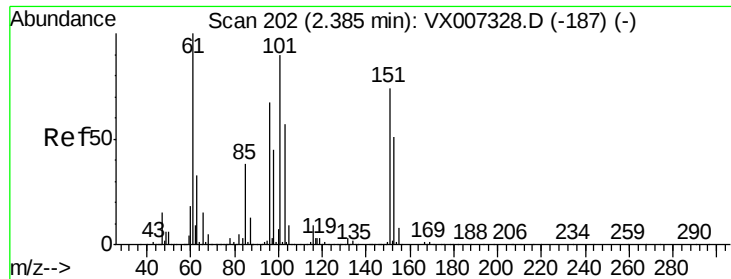


#8

Diethyl Ether
Concen: 50.158 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.8	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.030 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

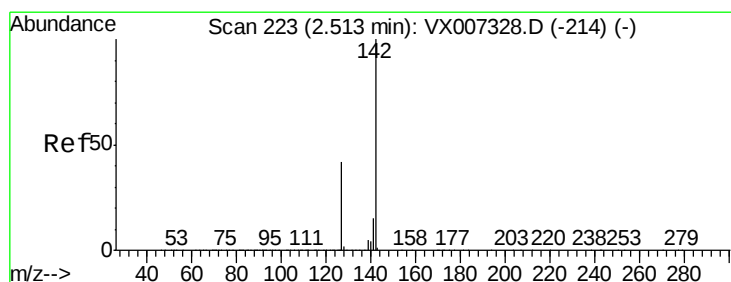
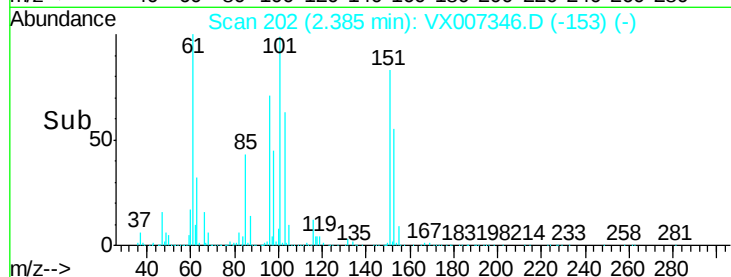
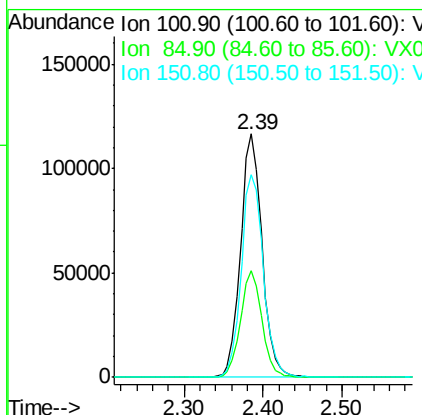
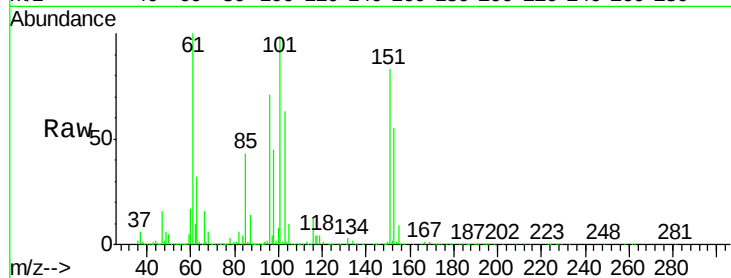
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	101	Resp:	221312
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.1	51.1
151	86.0	69.9	104.9

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#10

Methyl Iodide

Concen: 51.692 ug/l

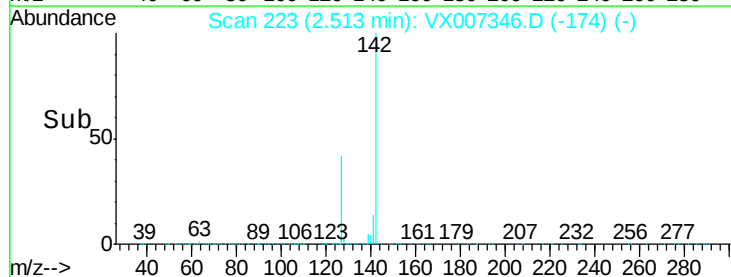
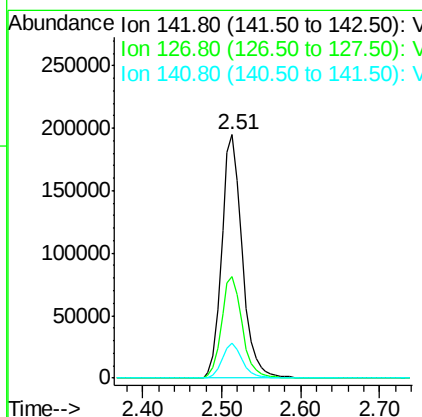
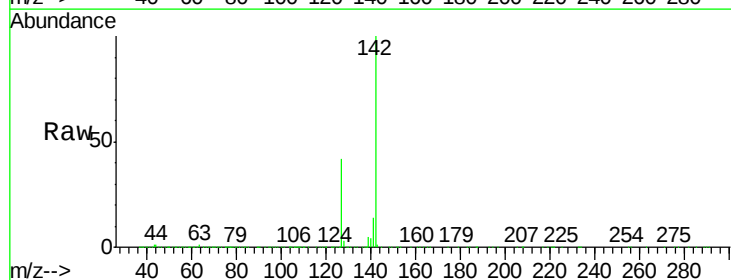
RT: 2.51 min Scan# 223

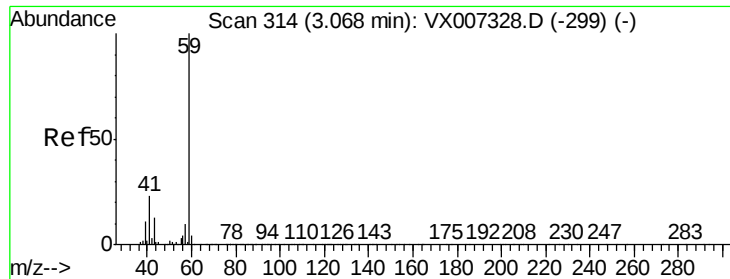
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	142	Resp:	350382
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.7	50.5
141	14.1	11.3	16.9





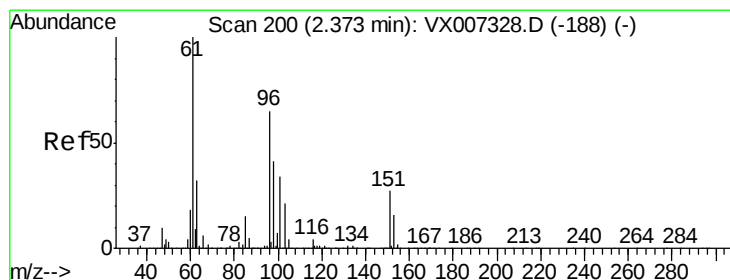
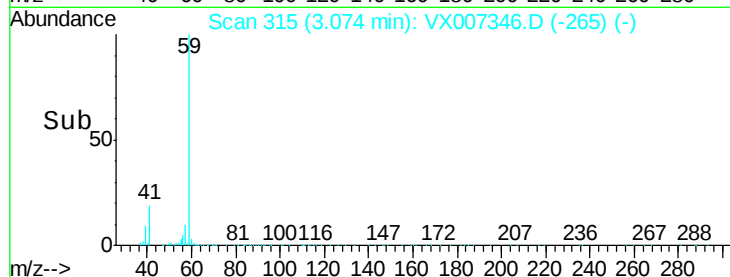
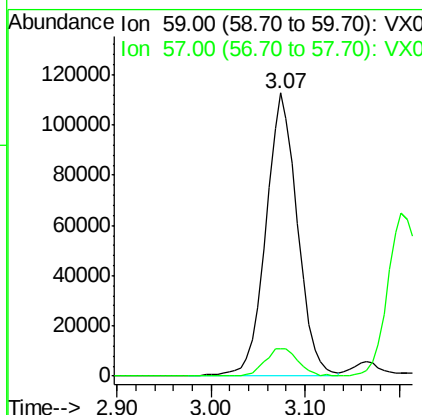
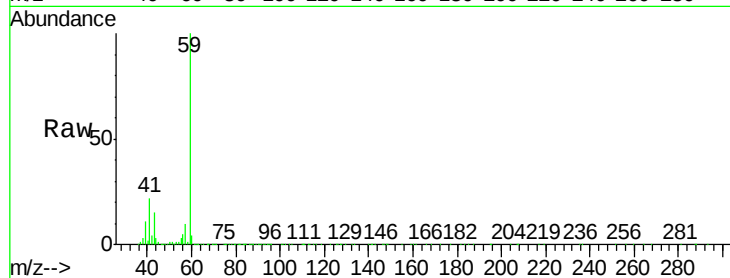
#11
Tert butyl alcohol
Concen: 268.977 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

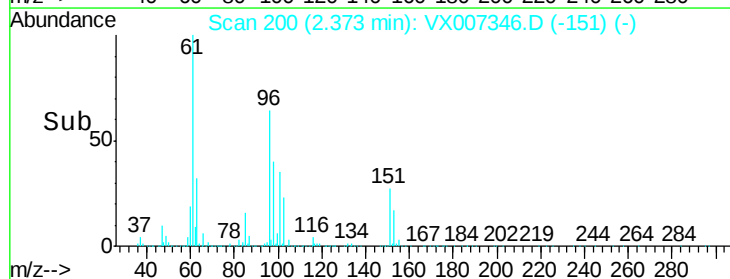
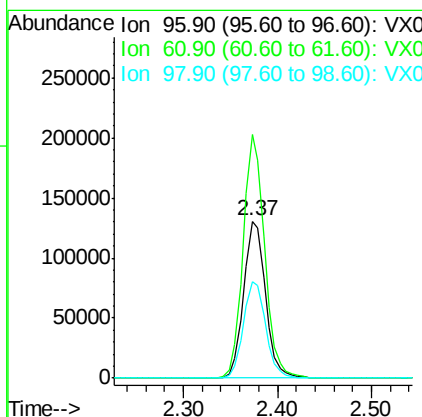
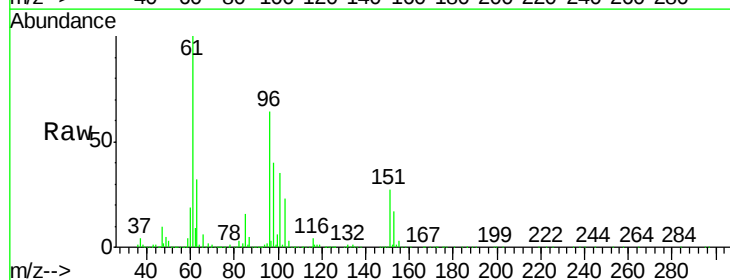
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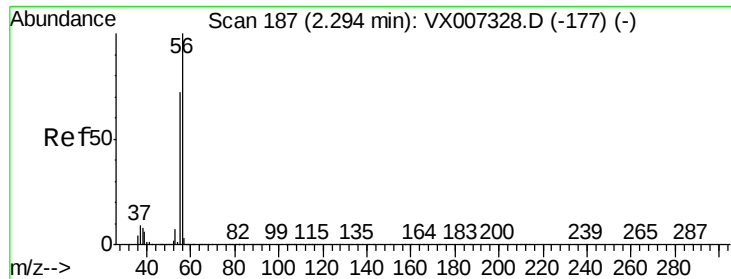
MMDadoda
2/4/2019 9:36:42 AM



#12
1,1-Dichloroethene
Concen: 49.580 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	123.0	184.4
98	61.8	50.9	76.3





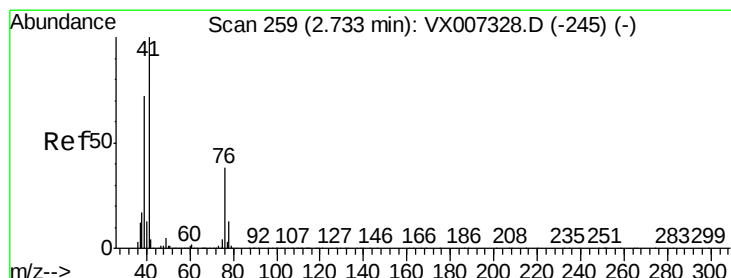
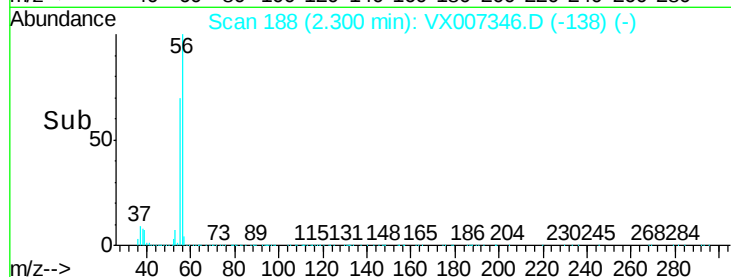
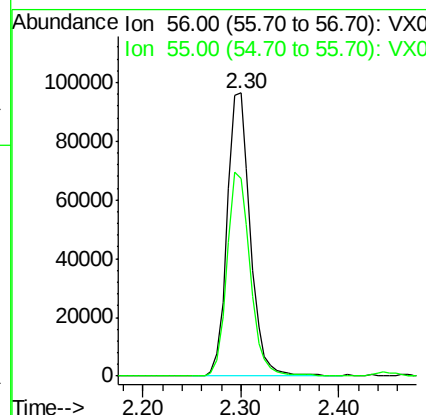
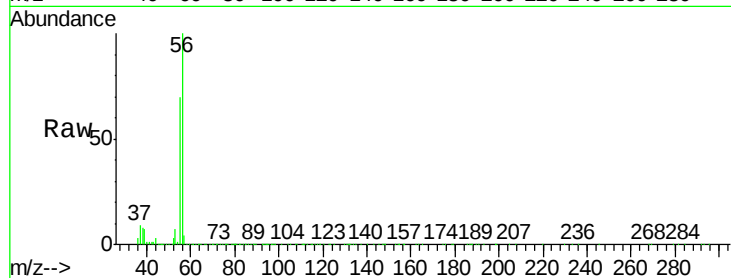
#13
Acrolein
Concen: 339.180 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.6	56.9	85.3

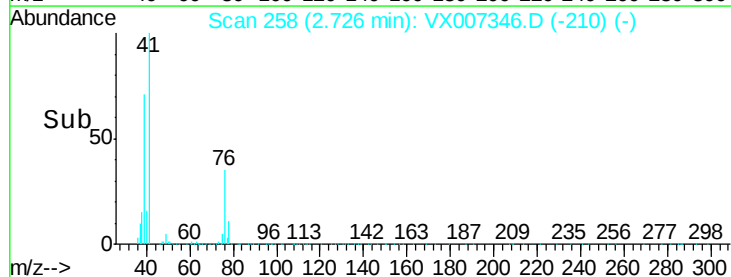
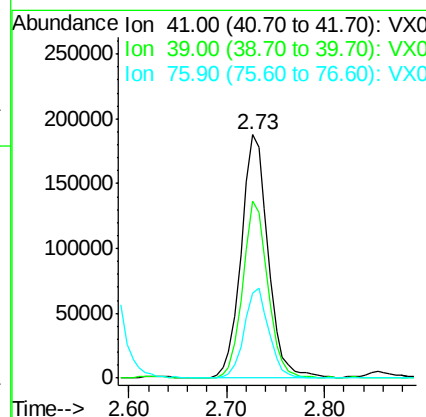
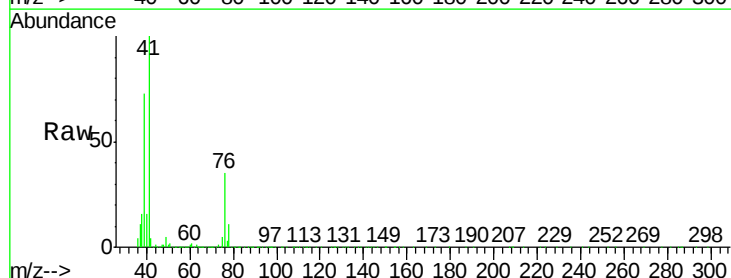
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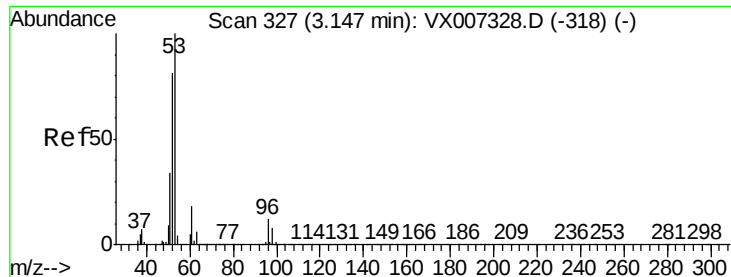
MMDadoda
2/4/2019 9:36:42 AM



#14
Allyl chloride
Concen: 51.356 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.6	54.1	81.1
76	33.8	27.8	41.8





#15

Acrylonitrile

Concen: 257.322 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

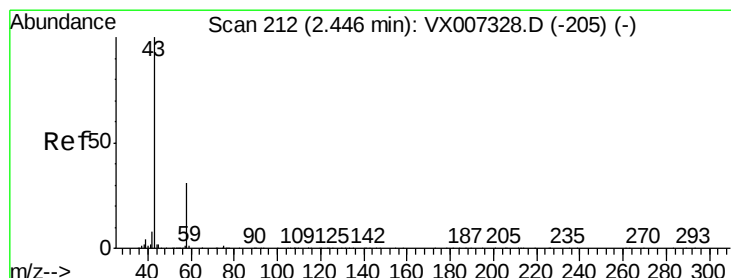
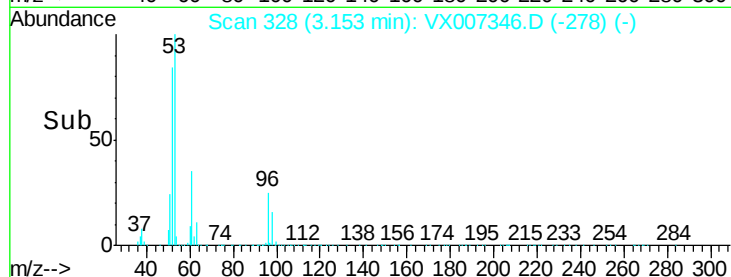
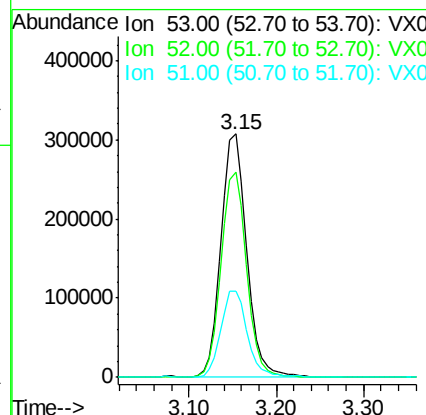
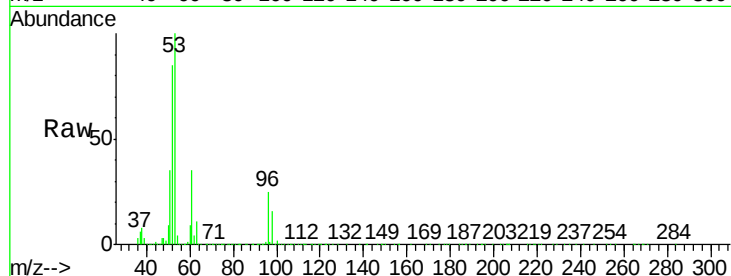
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		626616		
52	83.8	66.4	99.6		
51	36.6	28.4	42.6		

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#16

Acetone

Concen: 247.433 ug/l

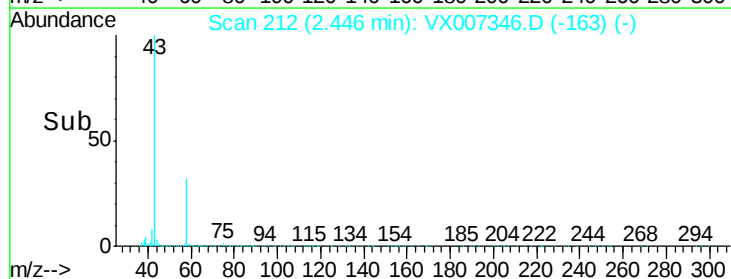
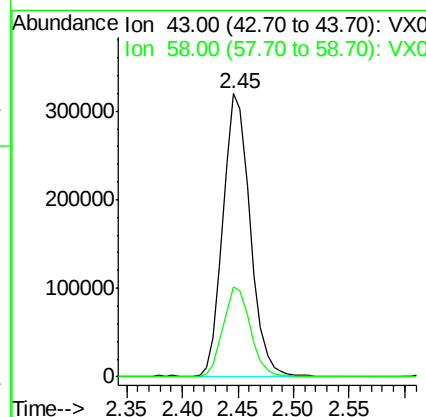
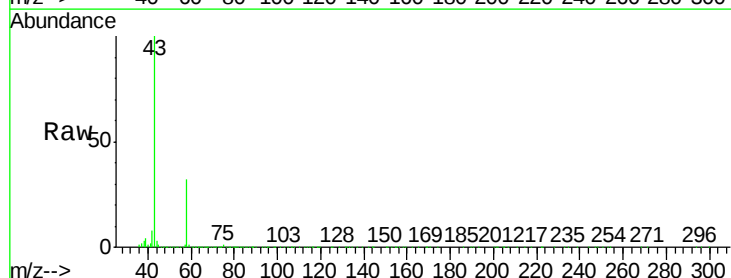
RT: 2.45 min Scan# 212

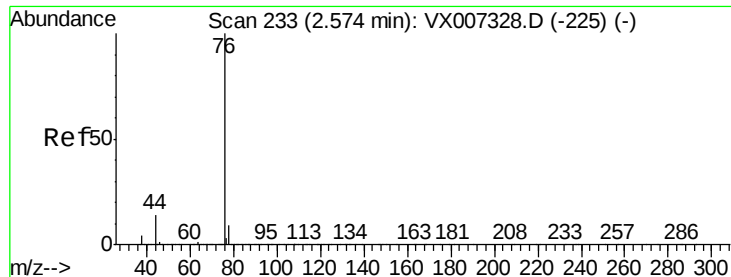
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		539123		
58	31.8	24.9	37.3		





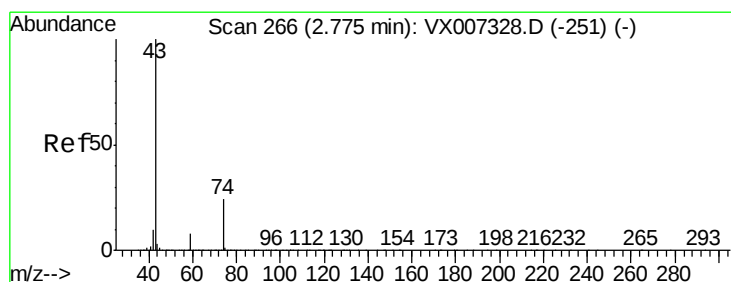
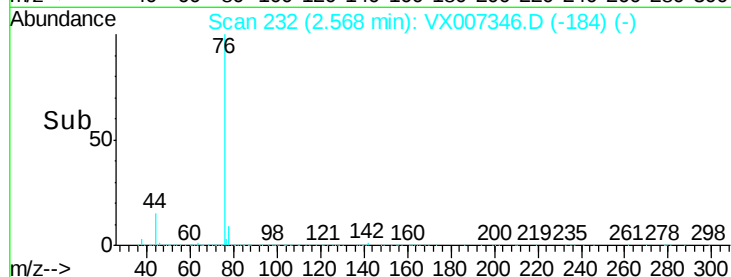
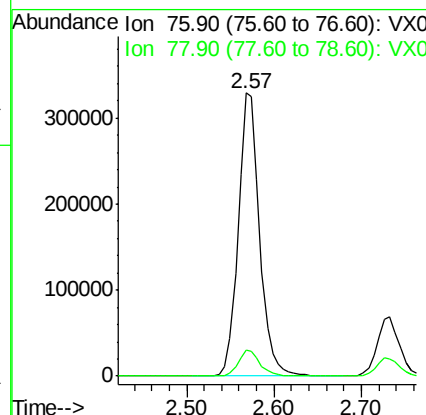
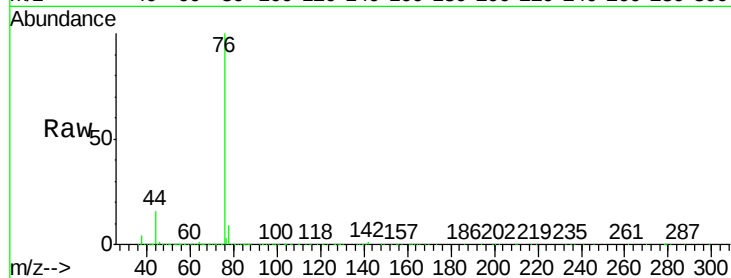
#17
Carbon Disulfide
Concen: 50.016 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

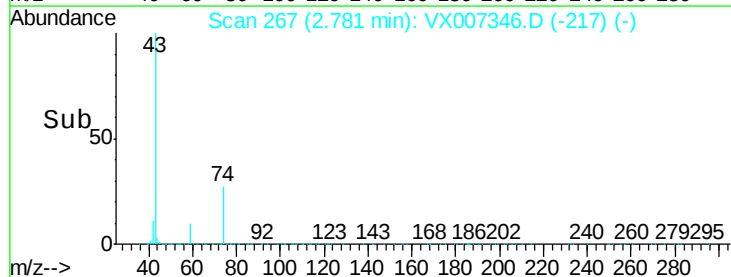
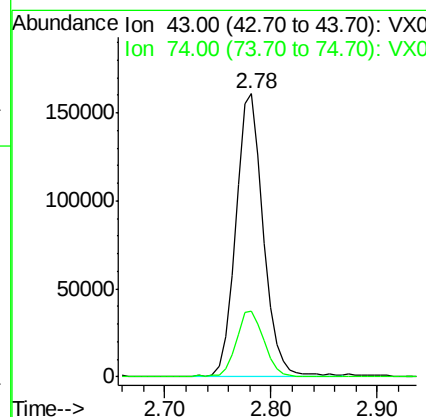
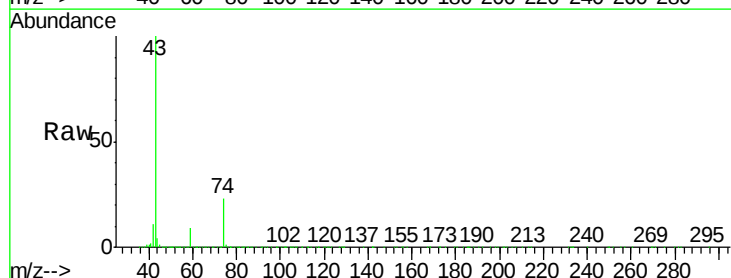
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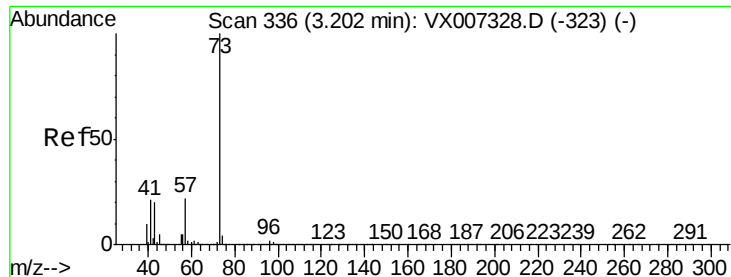
MMDadoda
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#18
Methyl Acetate
Concen: 51.008 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.4	29.2





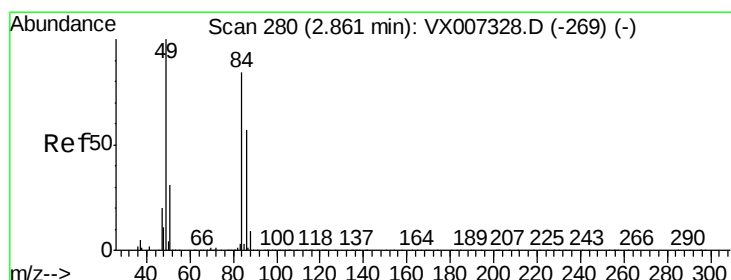
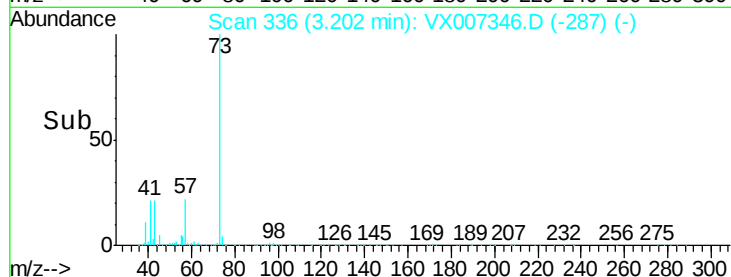
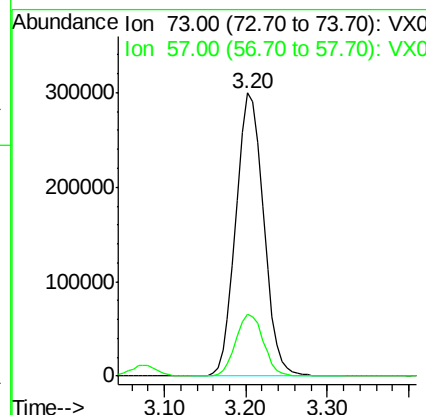
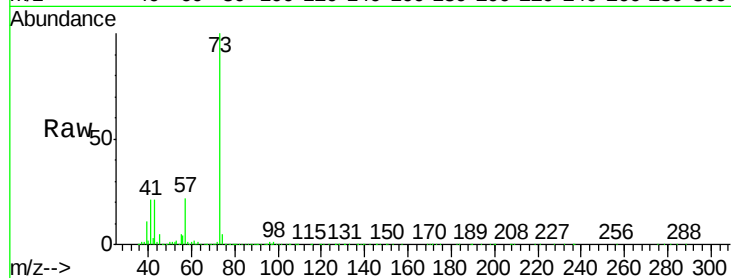
#19
Methvl tert-butvl Ether
Concen: 50.611 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.8	26.8

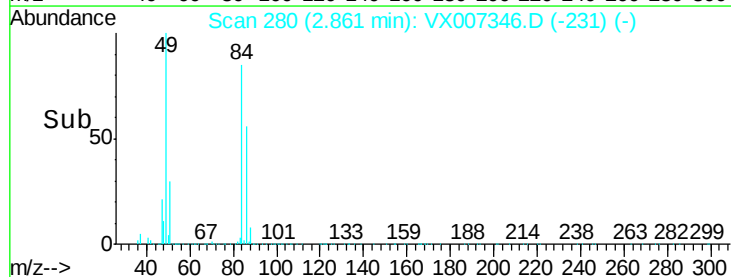
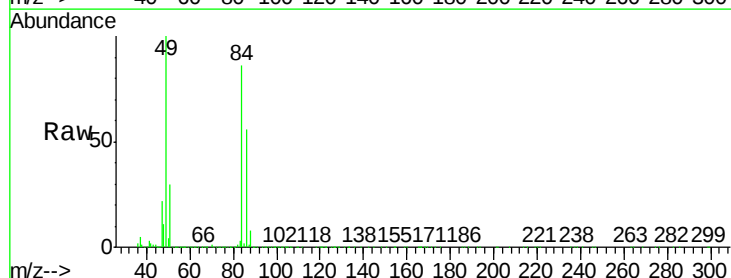
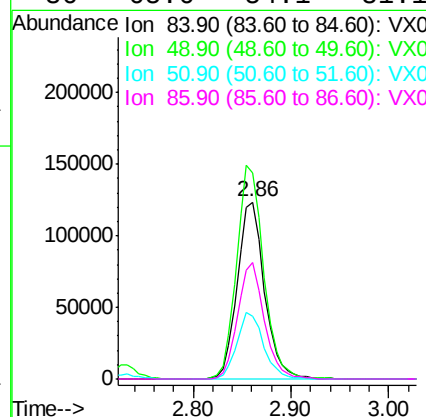
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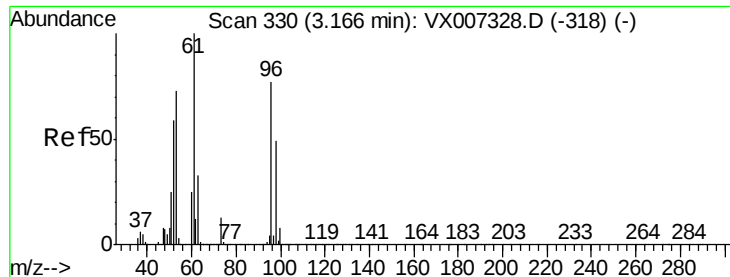
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#20
Methylene Chloride
Concen: 53.449 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.6	94.8	142.2
51	35.4	29.8	44.8
86	65.6	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 48.885 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

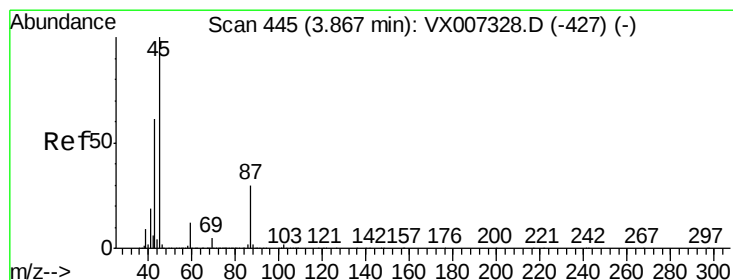
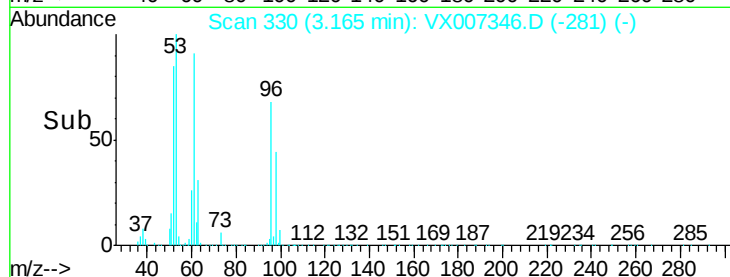
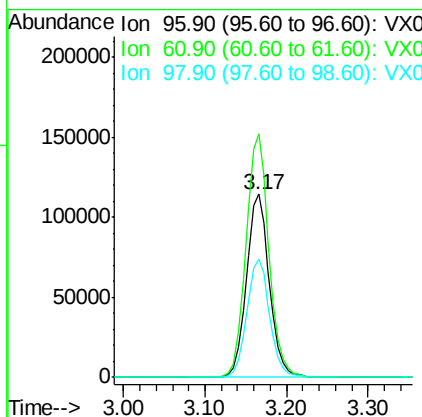
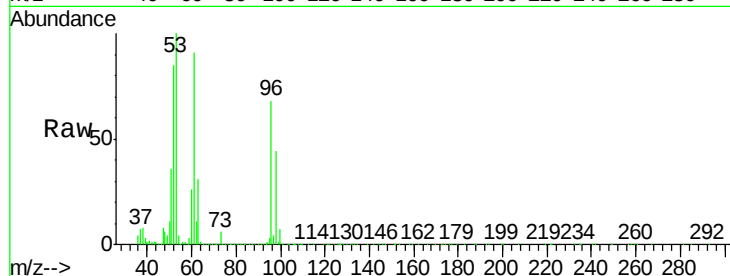
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	96	Resp:	222817
Ion Ratio	Lower	Upper	
96	100		
61	132.7	104.6	156.8
98	64.5	51.0	76.4

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#22

Diisopropyl ether

Concen: 50.527 ug/l

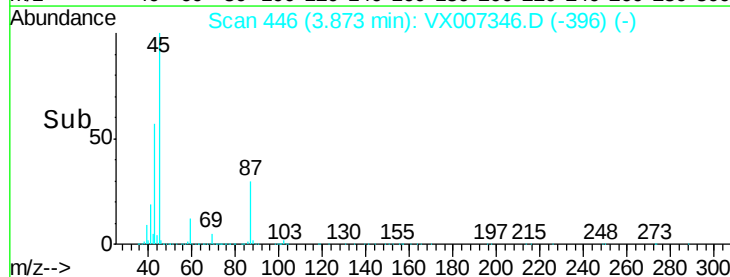
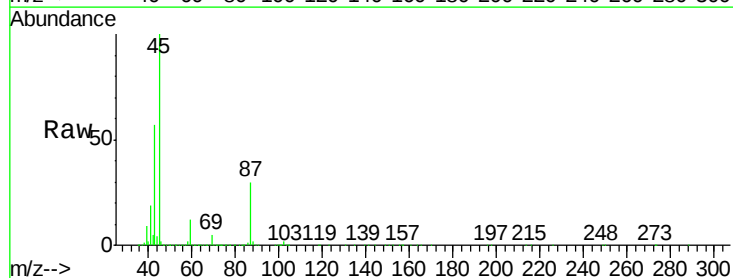
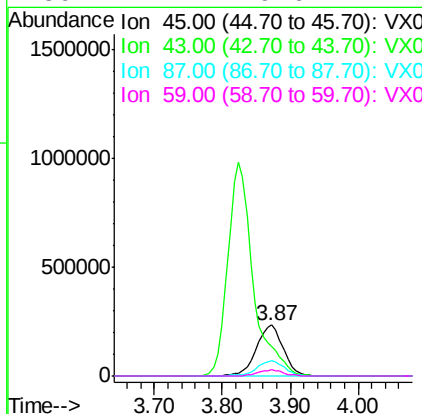
RT: 3.87 min Scan# 446

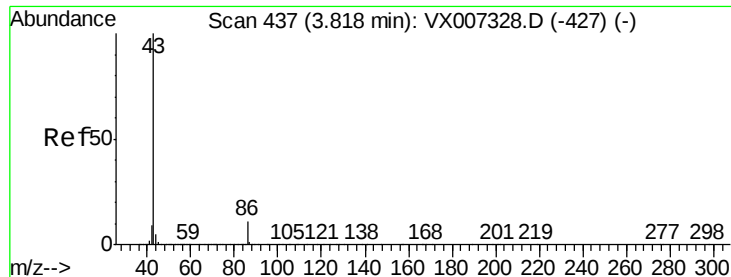
Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	45	Resp:	647961
Ion Ratio	Lower	Upper	
45	100		
43	57.3	48.9	73.3
87	30.3	23.9	35.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 238.813 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 2541370

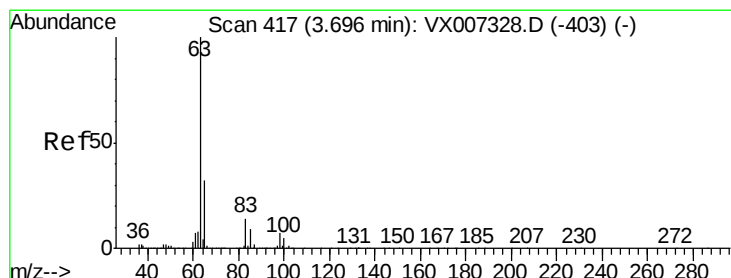
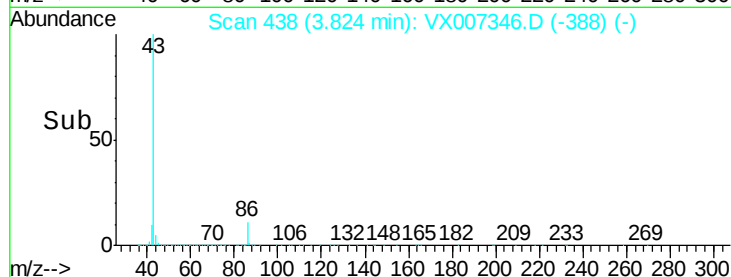
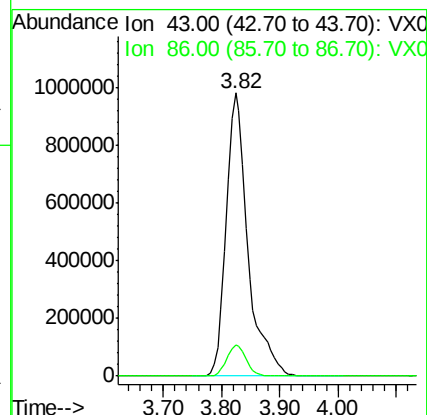
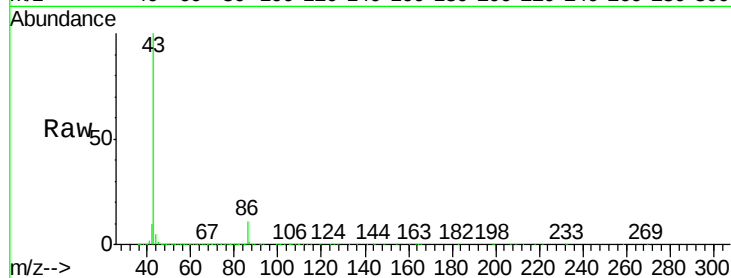
Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 49.179 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

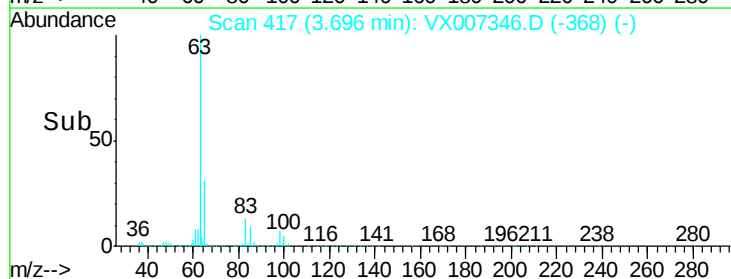
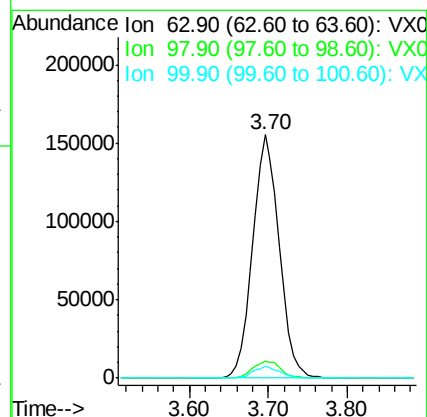
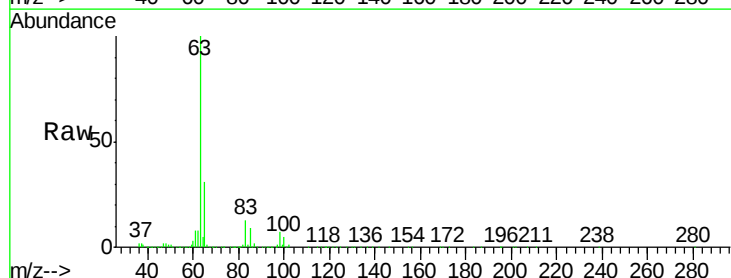
Tgt Ion: 63 Resp: 362180

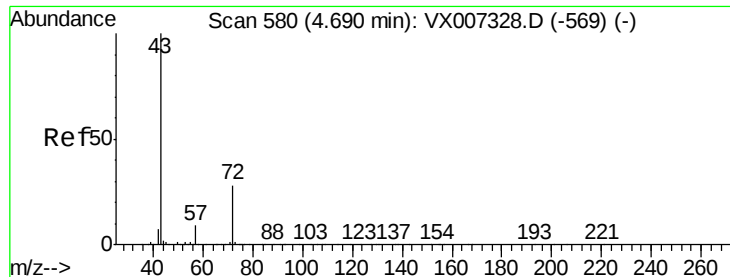
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.7 2.5 7.4





#25

2-Butanone

Concen: 261.368 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 810446

Ion Ratio Lower Upper

43 100

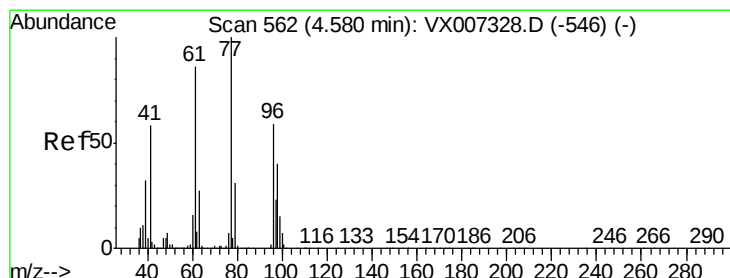
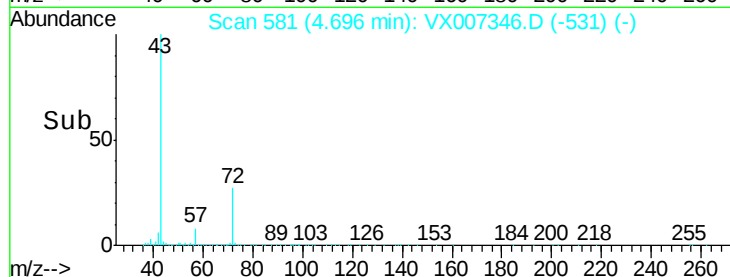
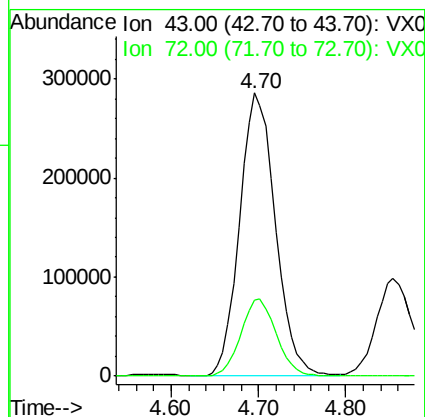
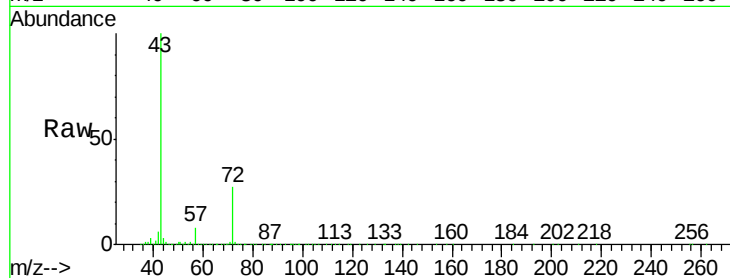
72 26.9 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 43.896 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007346.D

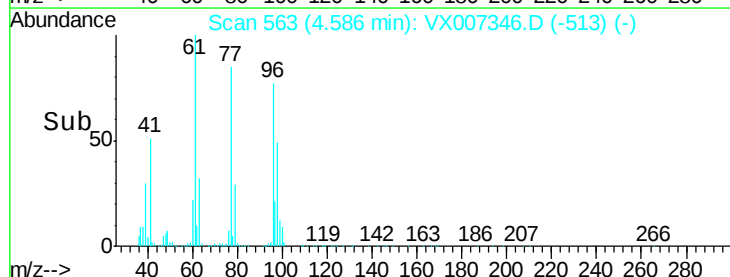
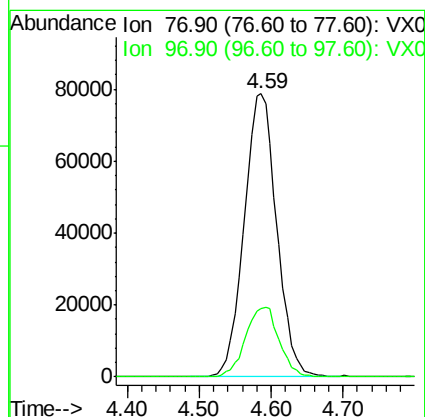
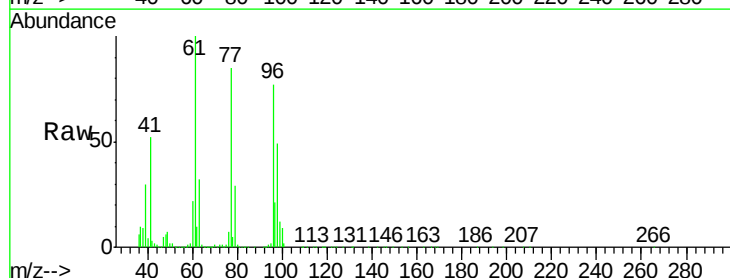
Acq: 01 Feb 2019 19:33

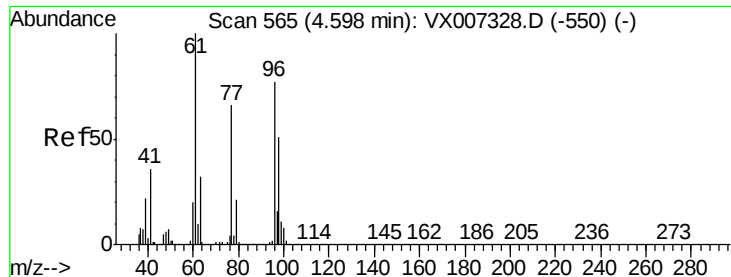
Tgt Ion: 77 Resp: 246189

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3





#27

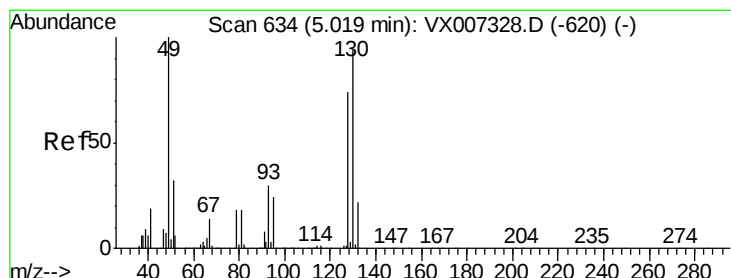
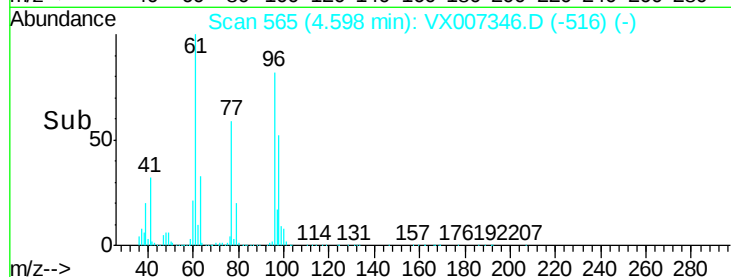
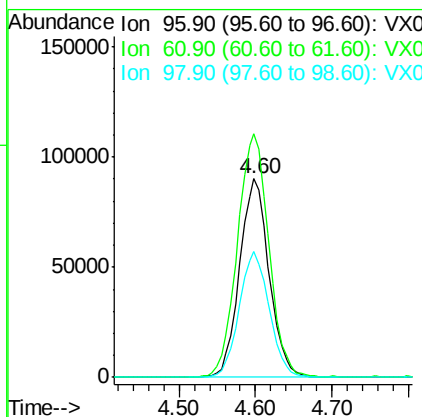
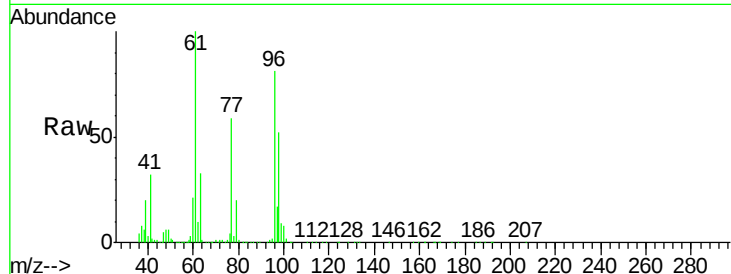
cis-1,2-Dichloroethene
Concen: 48.400 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	240954		
61	130.9	0.0	265.6	
98	64.6	0.0	131.6	

Manual Integrations
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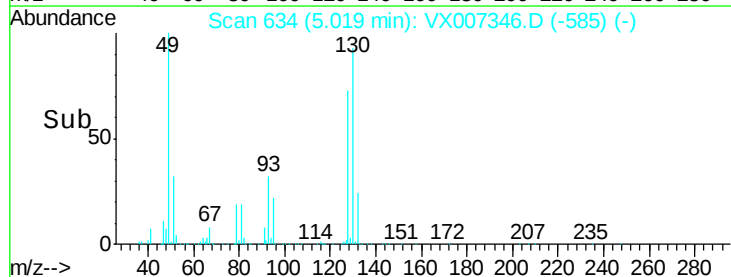
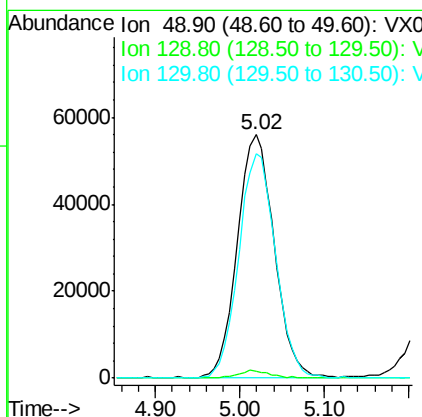
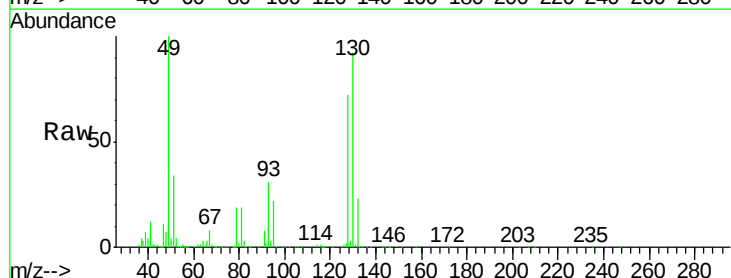
MMDadoda
2/4/2019 9:36:42 AM

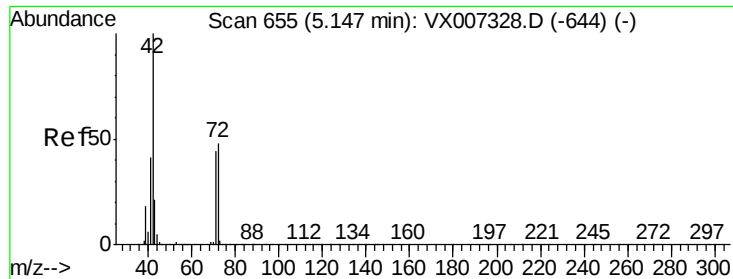


#28

Bromochloromethane
Concen: 48.733 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	165044		
129	2.8	0.0	5.6	
130	92.5	75.6	113.4	





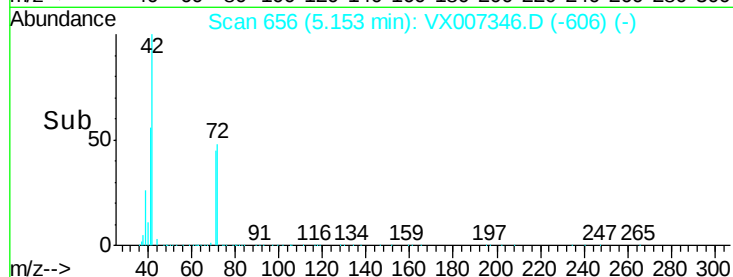
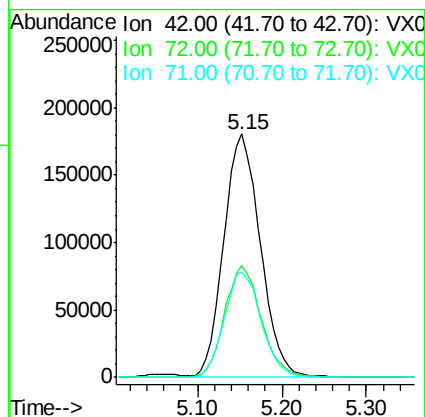
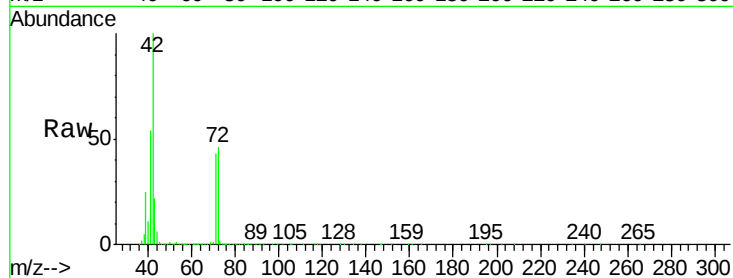
#29
Tetrahydrofuran
Concen: 271.173 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.6	56.4
71	44.0	34.6	51.8

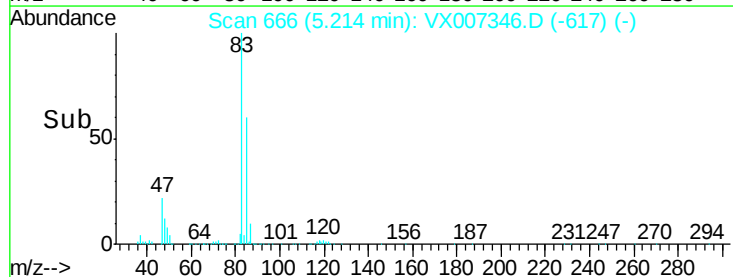
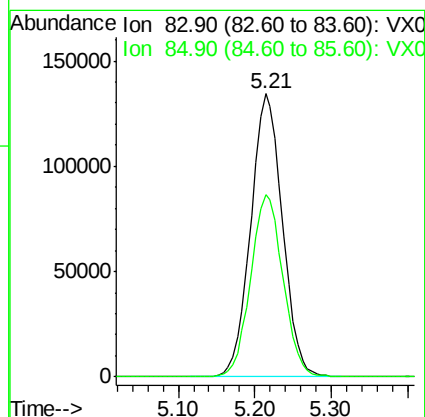
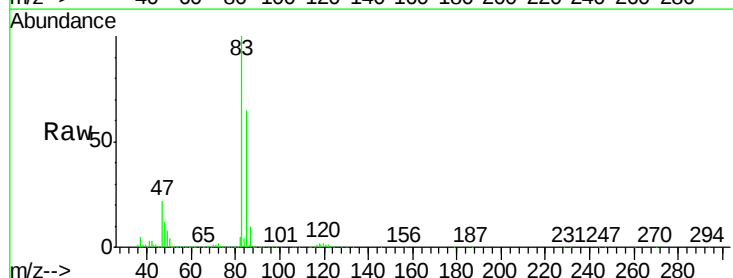
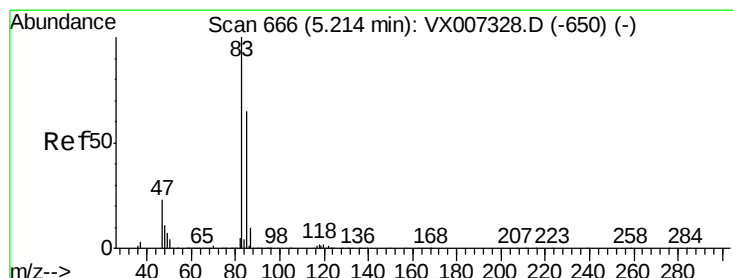
Manual Integrations
APPROVED

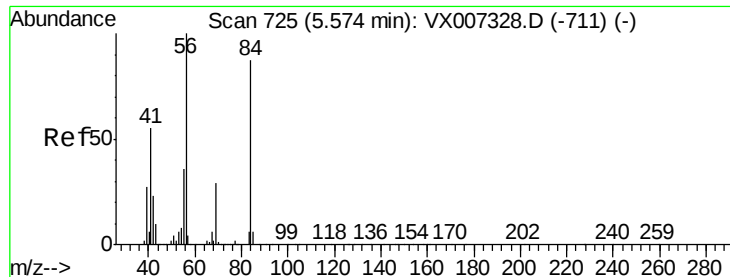
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2/4/2019 9:36:42 AM



#30
Chloroform
Concen: 50.497 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 49.142 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

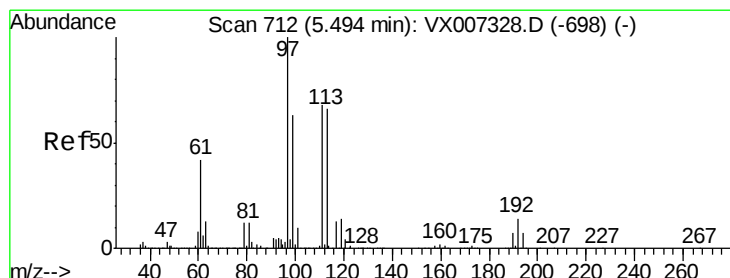
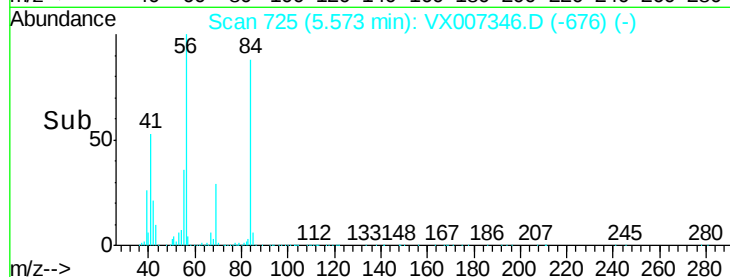
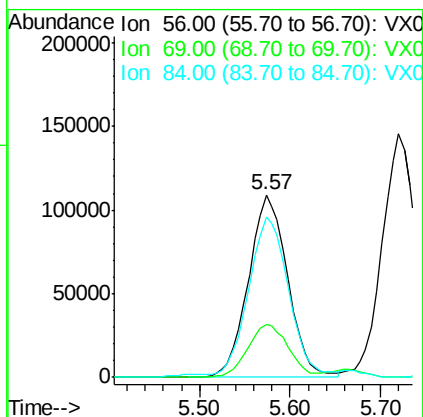
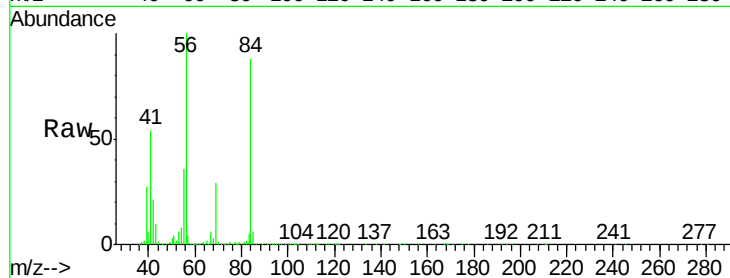
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	56	Resp:	325041
Ion	Ratio	Lower	Upper
56	100		
69	28.7	23.0	34.6
84	86.5	69.8	104.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.992 ug/l

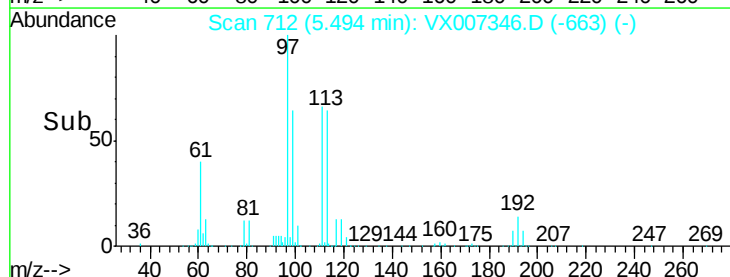
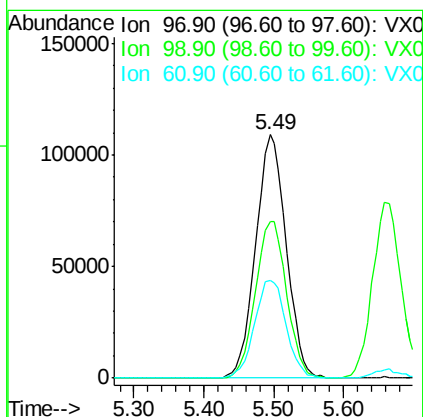
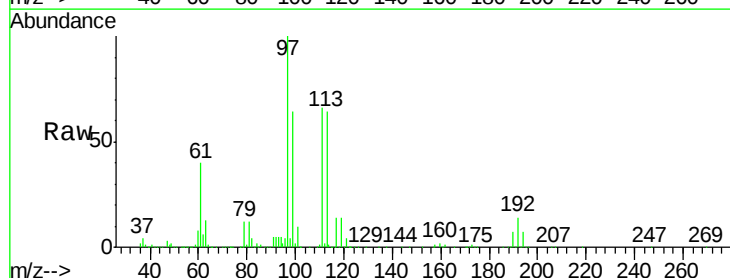
RT: 5.49 min Scan# 712

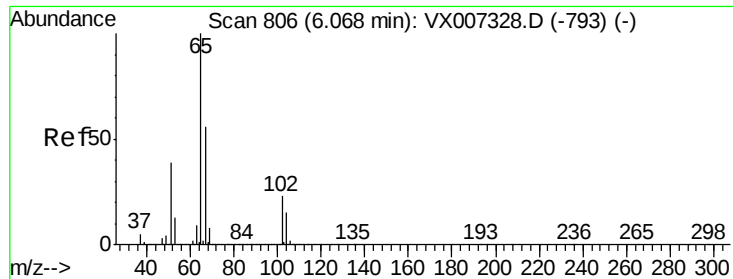
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	97	Resp:	330771
Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.2	78.2
61	41.4	32.7	49.1





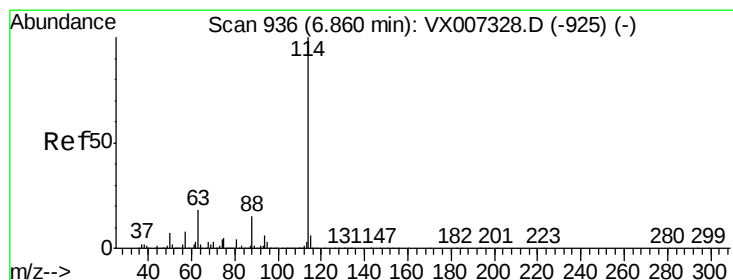
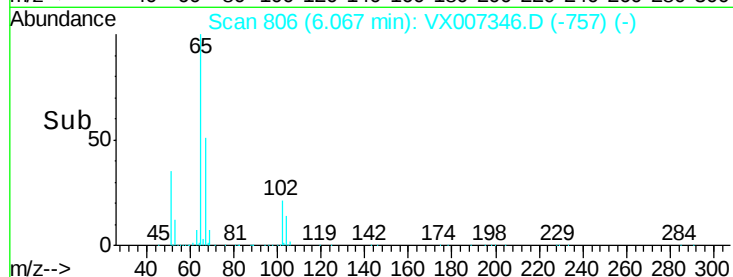
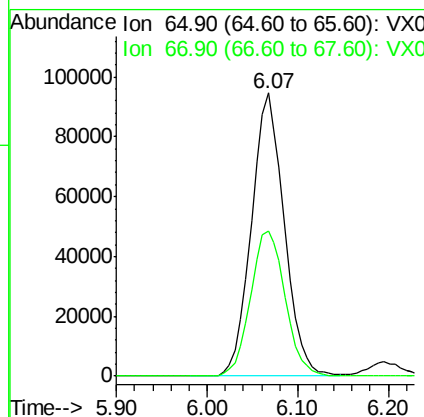
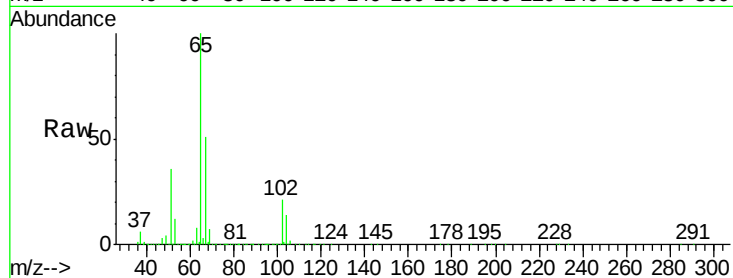
#33
 1,2-Dichloroethane-d4
 Concen: 49.745 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	236614		
67	53.8	0.0	108.8	

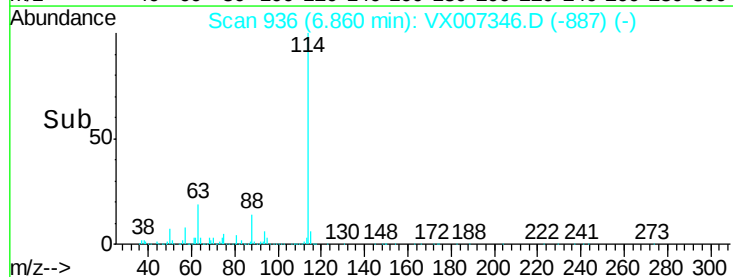
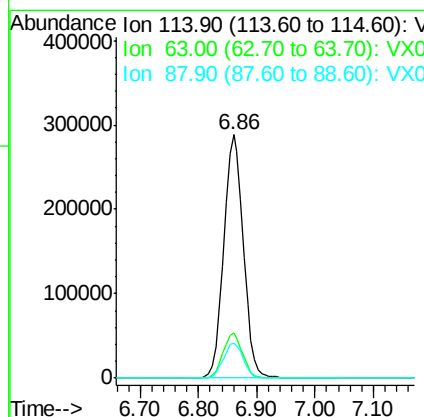
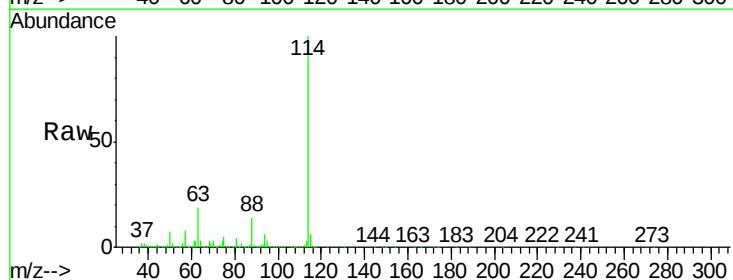
Manual Integrations
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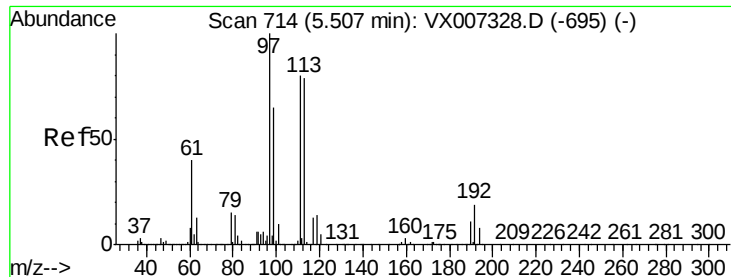
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 2/4/2019 9:36:42 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	673045		
63	18.7	0.0	35.6	
88	14.3	0.0	29.6	





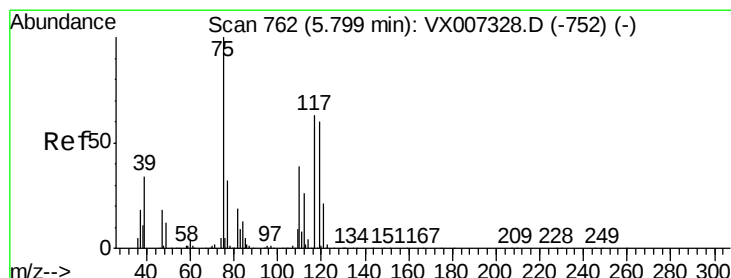
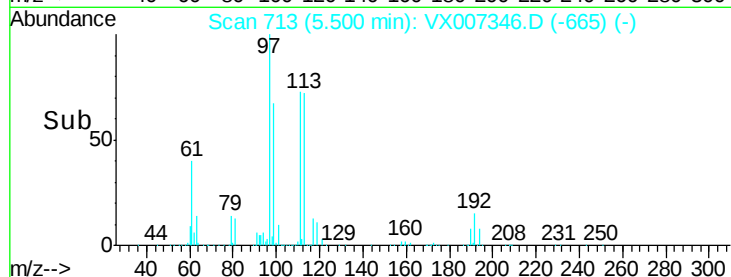
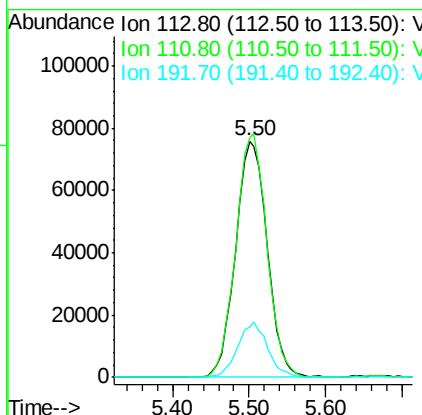
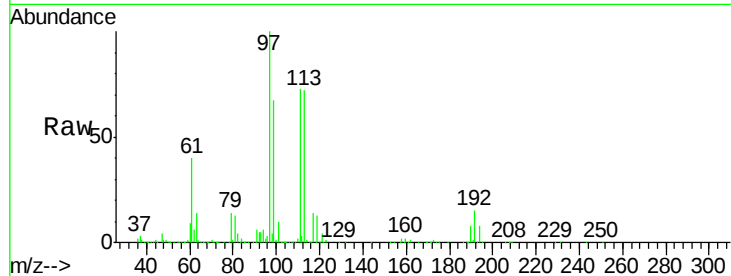
#35
Dibromofluoromethane
Concen: 49.752 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	217875		
111	101.4	81.8	122.8	
192	22.1	18.5	27.7	

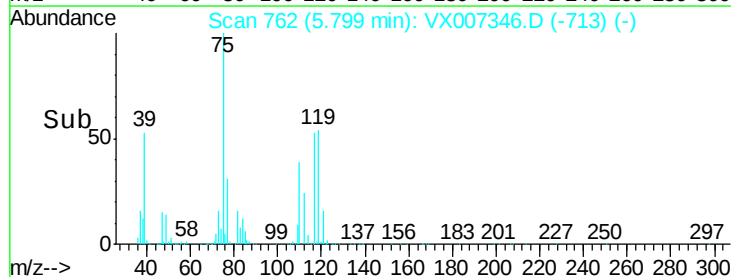
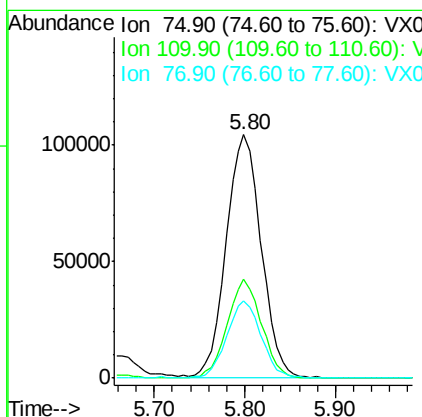
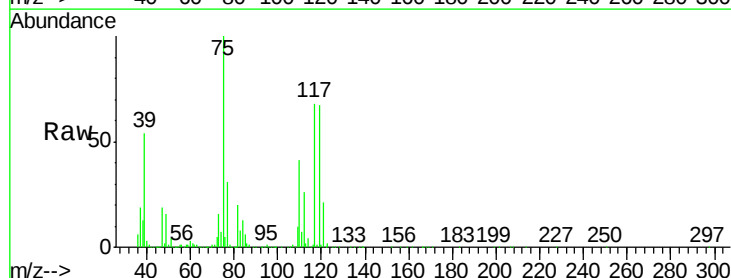
Manual Integrations
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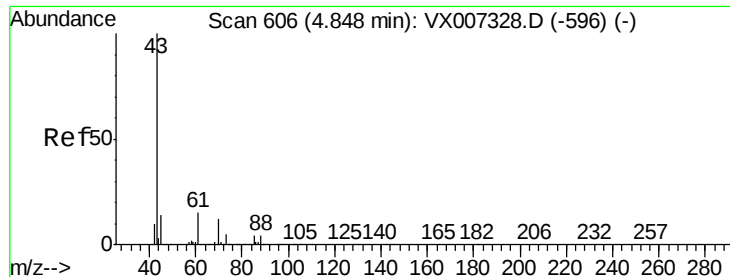
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2/4/2019 9:36:42 AM



#36
1,1-Dichloropropene
Concen: 46.230 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	279173		
110	39.7	20.0	59.9	
77	31.1	24.7	37.1	





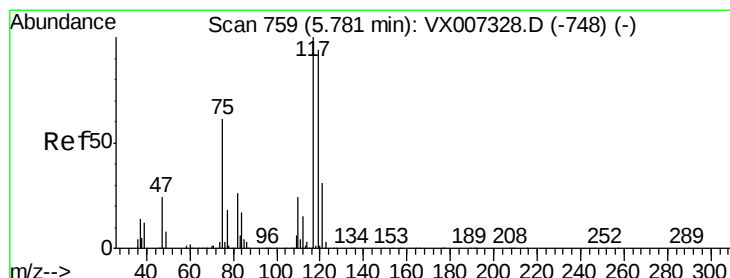
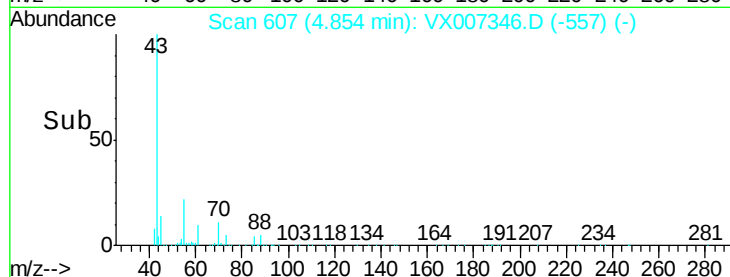
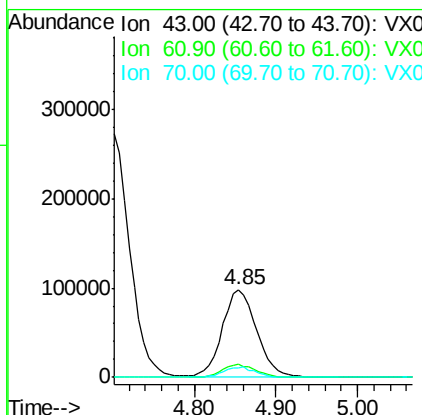
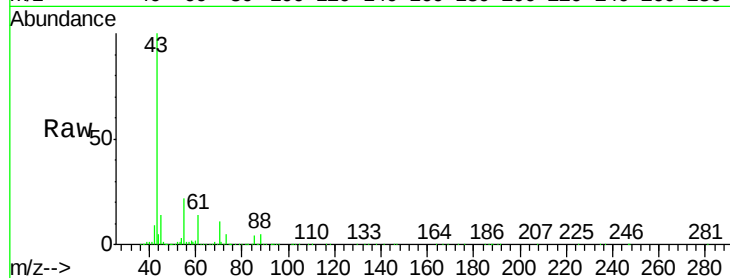
#37
Ethyl Acetate
Concen: 46.547 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	43	Resp	284147
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	11.2	8.6	13.0

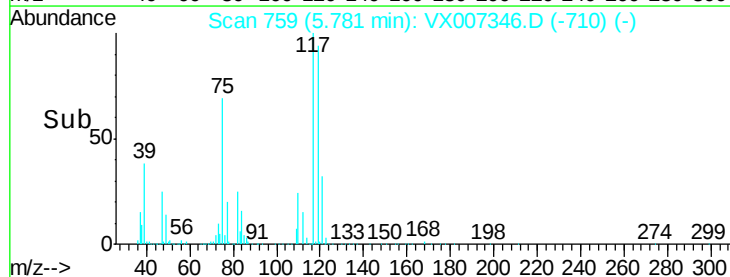
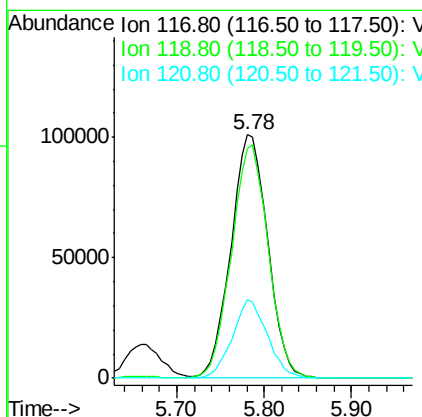
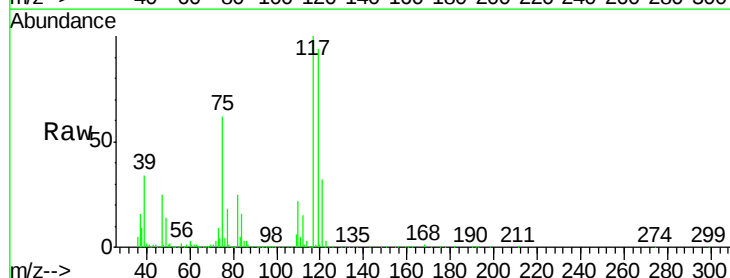
Manual Integrations
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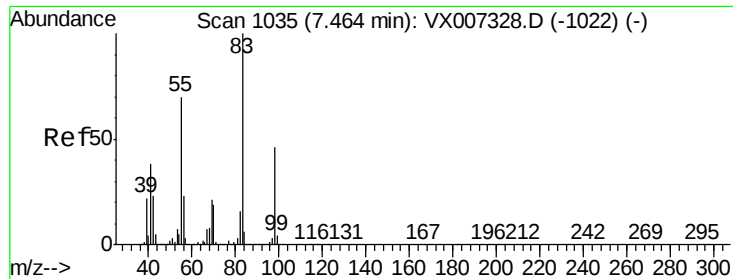
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2/4/2019 9:36:42 AM



#38
Carbon Tetrachloride
Concen: 50.315 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	117	Resp	294776
Ion Ratio	Lower	Upper	
117	100		
119	94.3	75.3	112.9
121	32.1	25.0	37.4





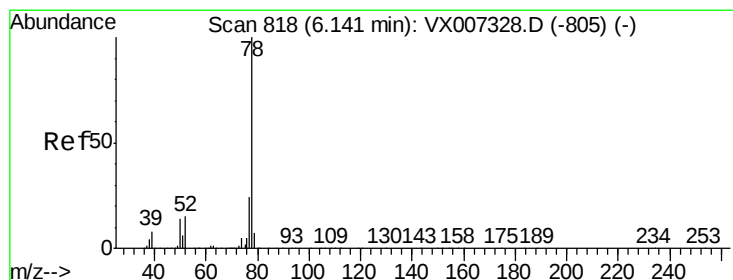
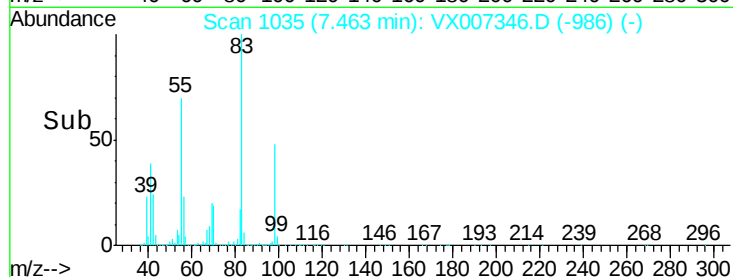
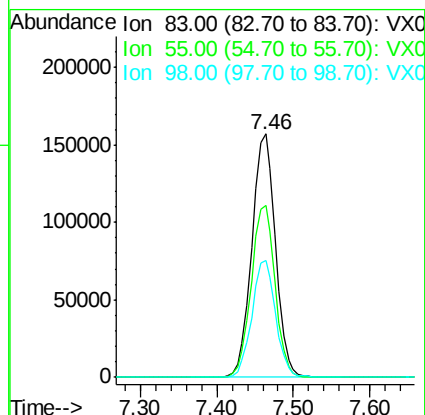
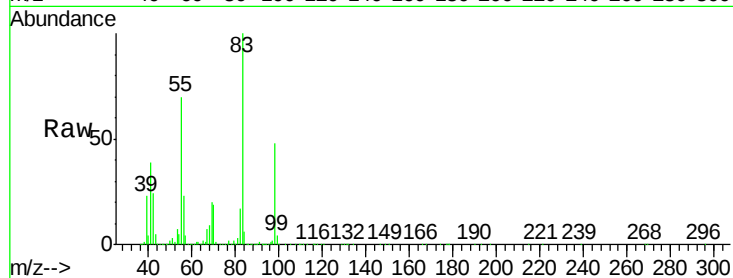
#39
Methvlcvclohexane
Concen: 46.454 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.4	56.2	84.2
98	48.2	36.8	55.2

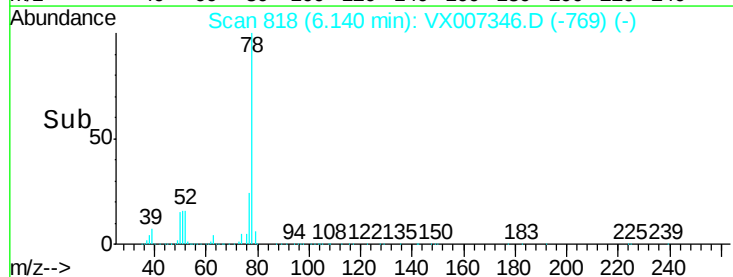
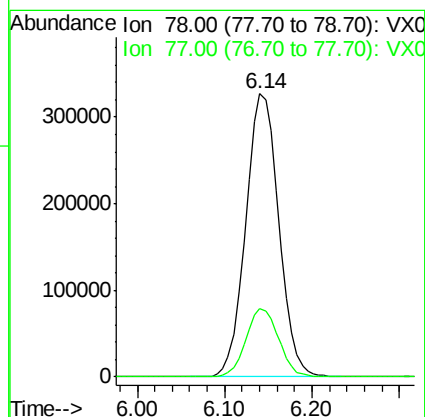
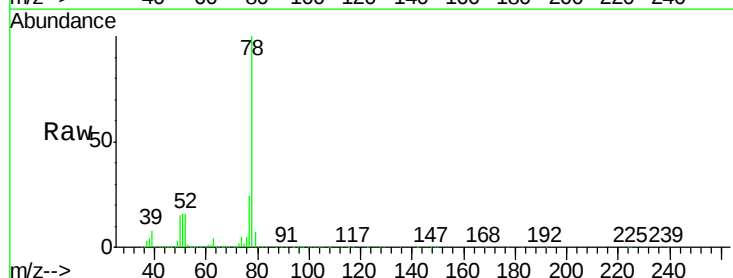
Manual Integrations
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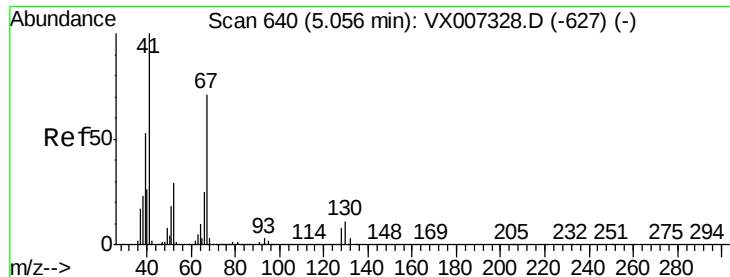
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2/4/2019 9:36:42 AM



#40
Benzene
Concen: 48.281 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





#41

Methacrylonitrile

Concen: 51.541 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

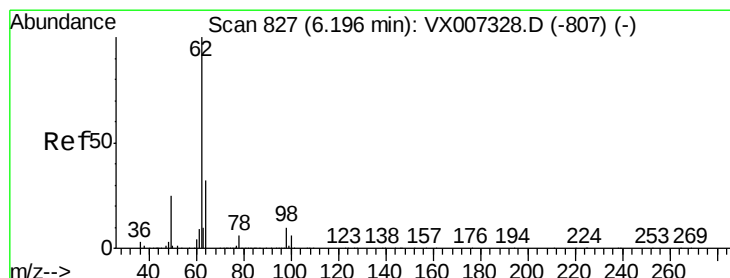
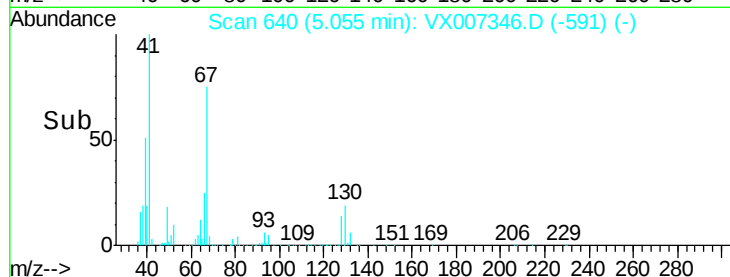
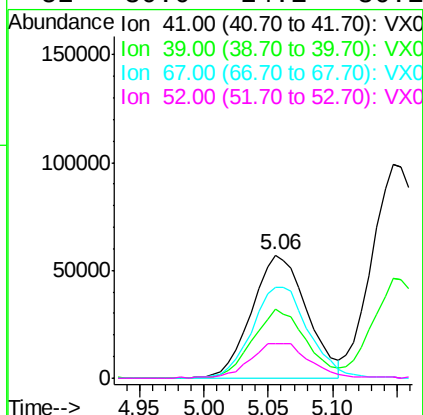
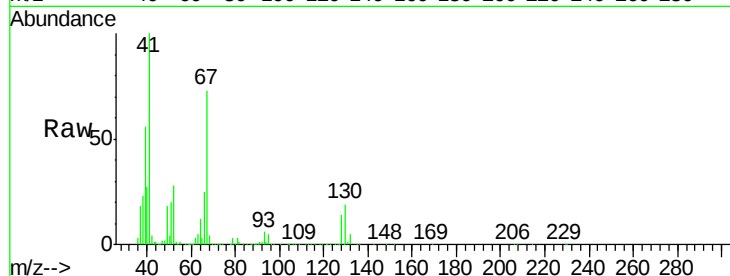
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		168626		
39	54.3	44.5	66.7		
67	76.7	60.4	90.6		
52	30.0	24.1	36.1		

Manual Integrations
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2/4/2019 9:36:42 AM



#42

1,2-Dichloroethane

Concen: 48.256 ug/l

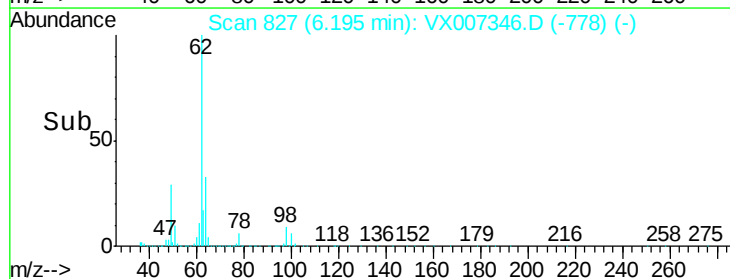
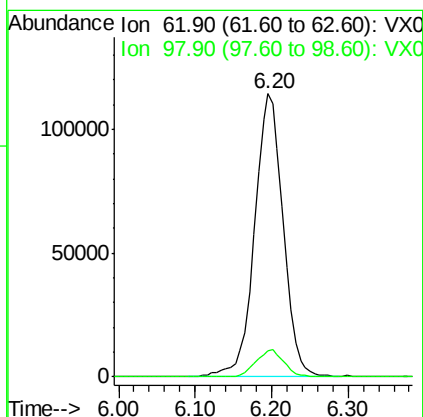
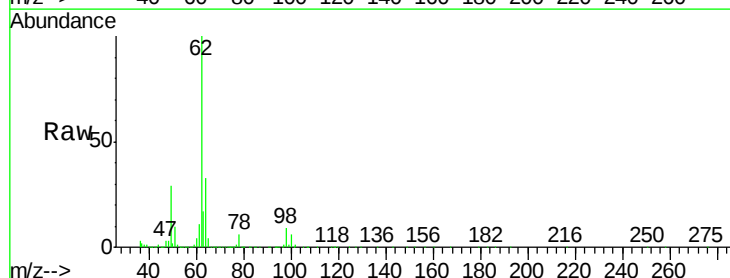
RT: 6.20 min Scan# 827

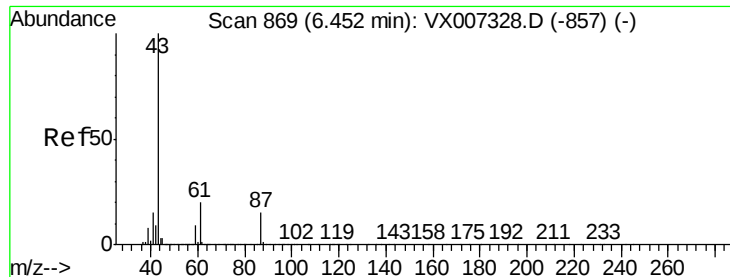
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		297002		
98	9.5	0.0	19.0		





#43

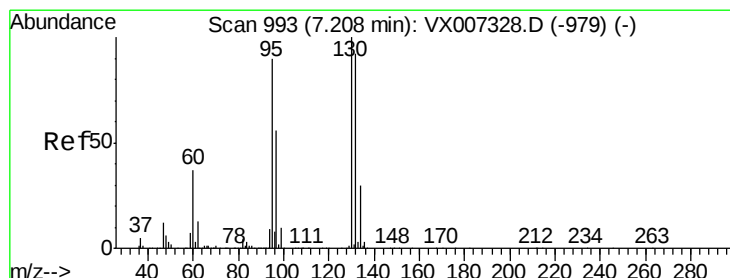
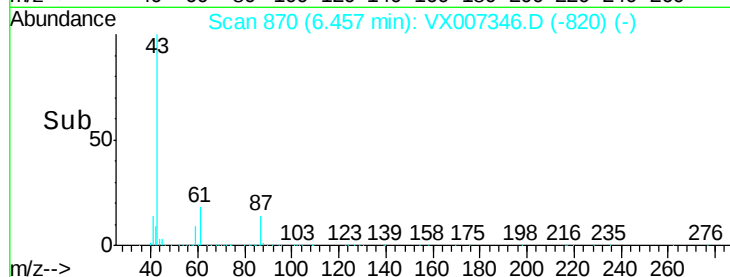
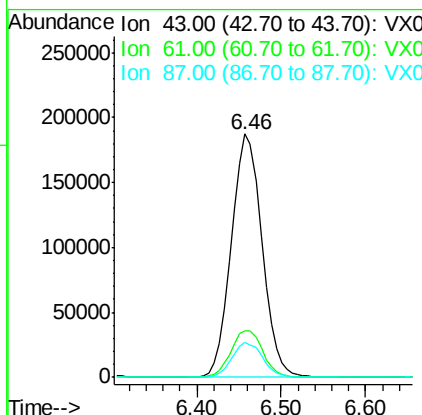
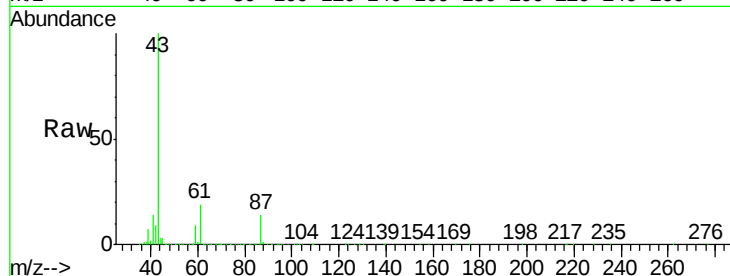
Isopropyl Acetate
 Concen: 48.829 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	14.5	11.5	17.3

Manual Integrations
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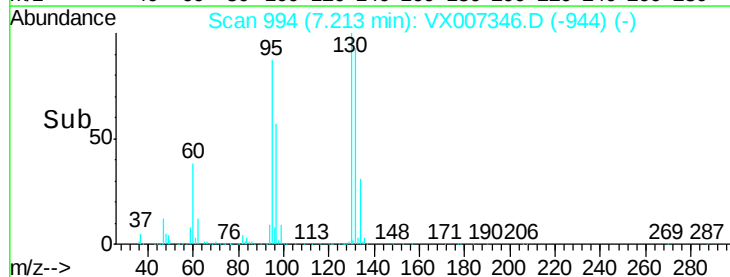
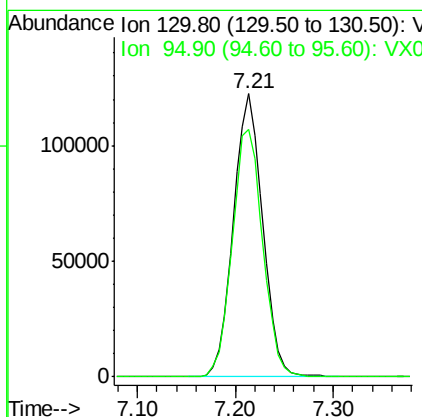
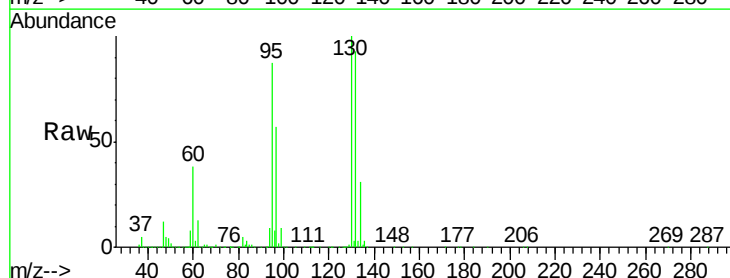
MMDadoda
 2/4/2019 9:36:42 AM

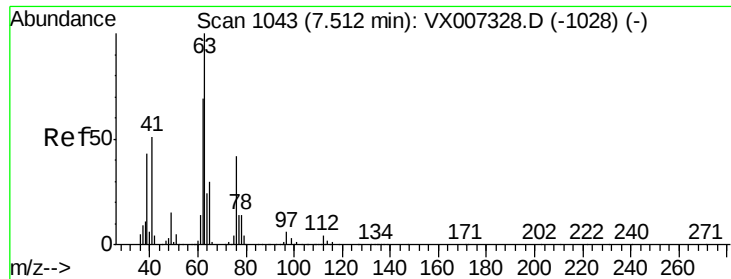


#44

Trichloroethene
 Concen: 47.577 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	180.0





#45

1,2-Dichloropropane

Concen: 49.006 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 63 Resp: 218418

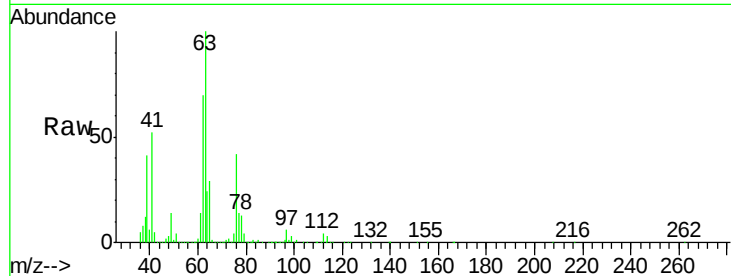
Ion Ratio Lower Upper

63 100

65 29.0 24.2 36.2

Manual Integrations
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

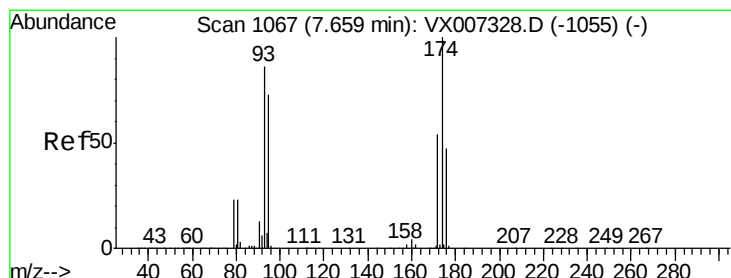
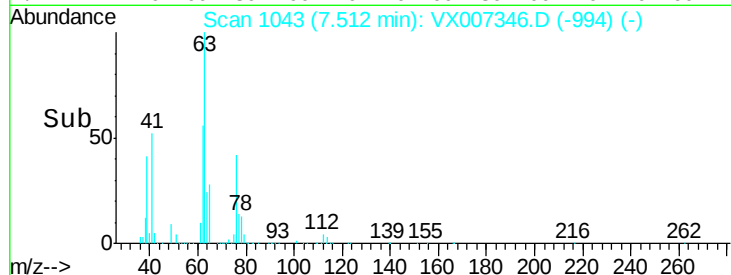
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.276 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

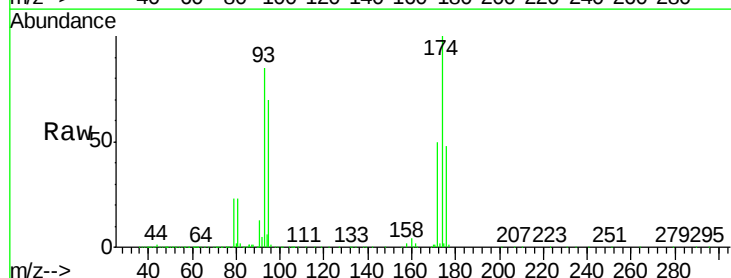
Tgt Ion: 93 Resp: 156383

Ion Ratio Lower Upper

93 100

95 83.6 67.6 101.4

174 116.4 94.2 141.4



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

120000

100000

80000

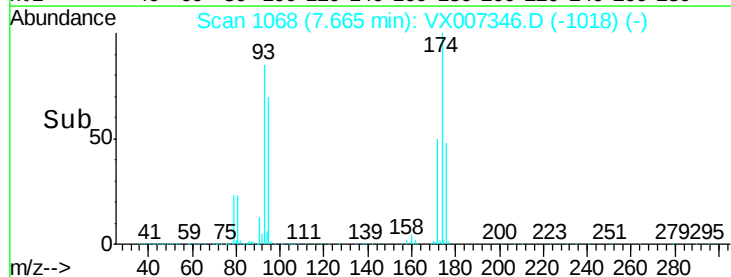
60000

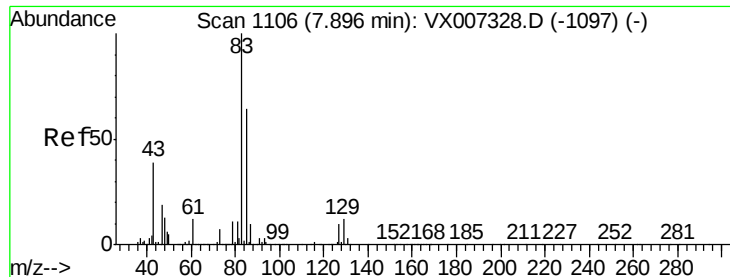
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 50.372 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

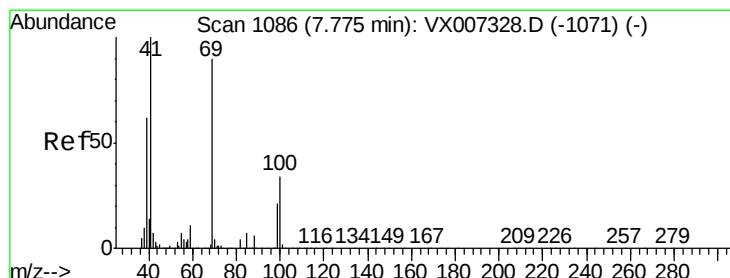
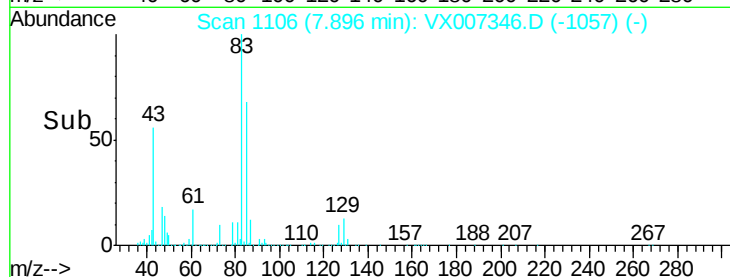
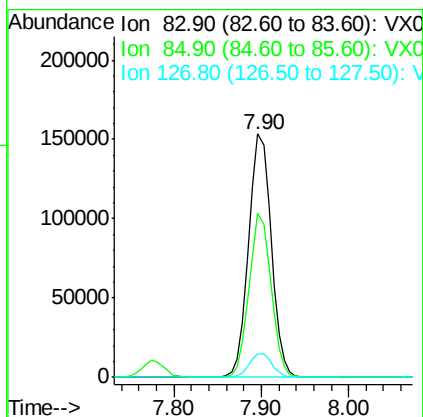
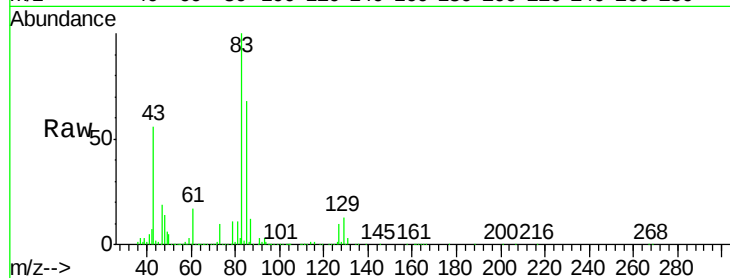
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion	83	Resp	276538
Ion Ratio	Lower	Upper	
83	100		
85	67.5	51.4	77.0
127	9.7	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.594 ug/l

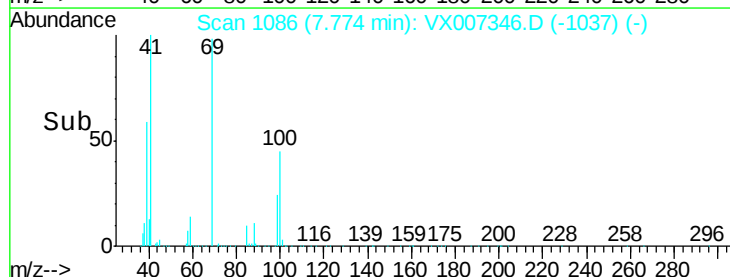
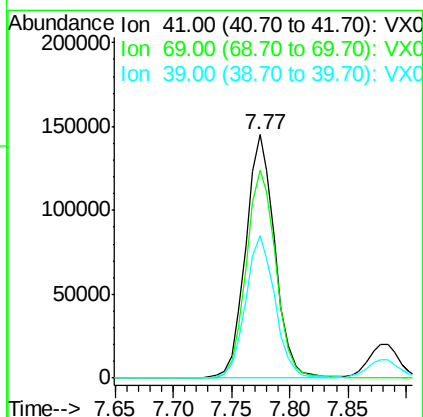
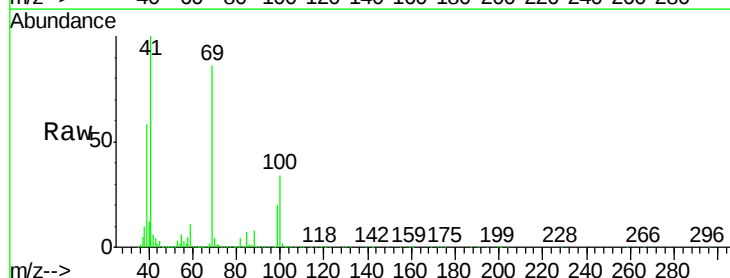
RT: 7.77 min Scan# 1086

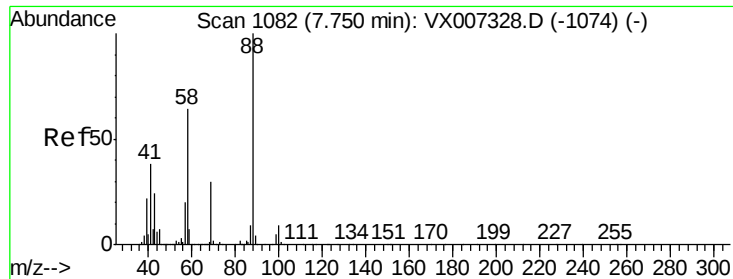
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion	41	Resp	252590
Ion Ratio	Lower	Upper	
41	100		
69	87.6	70.2	105.4
39	58.6	47.4	71.0





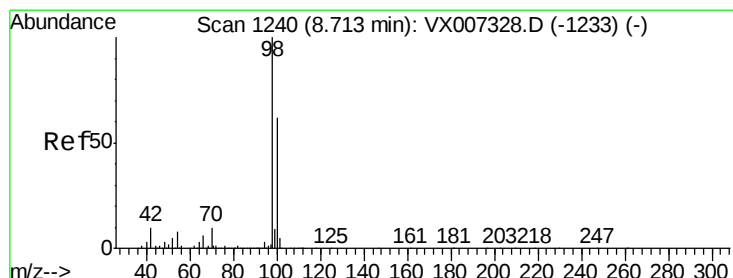
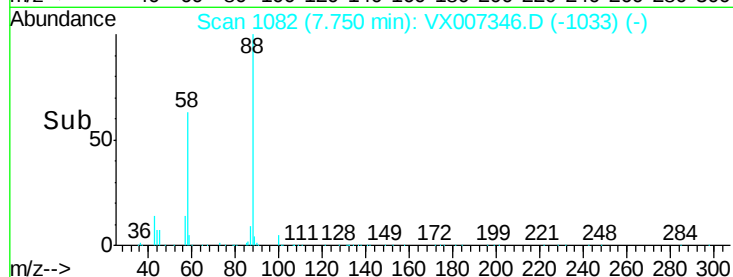
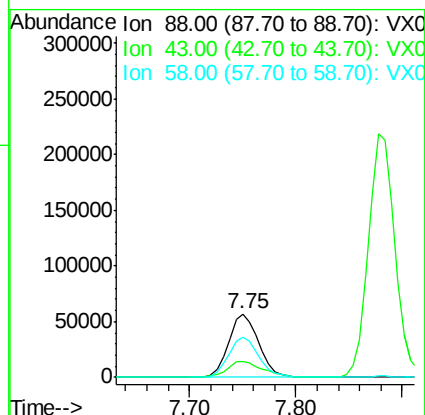
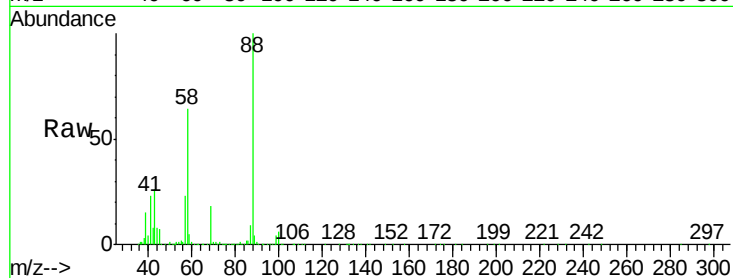
#49
1,4-Dioxane
Concen: 1046.502 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	24.2	36.4
58	65.0	53.0	79.4

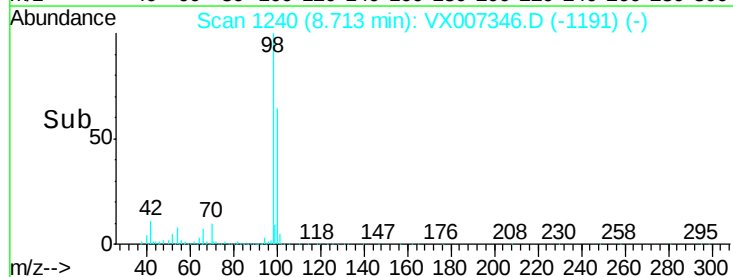
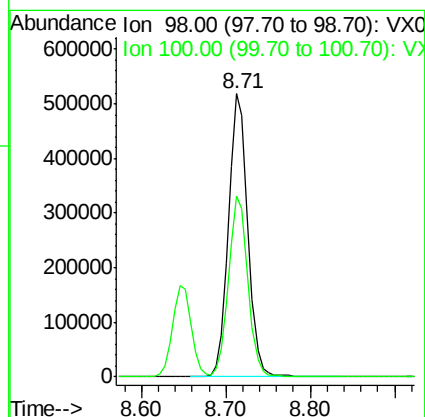
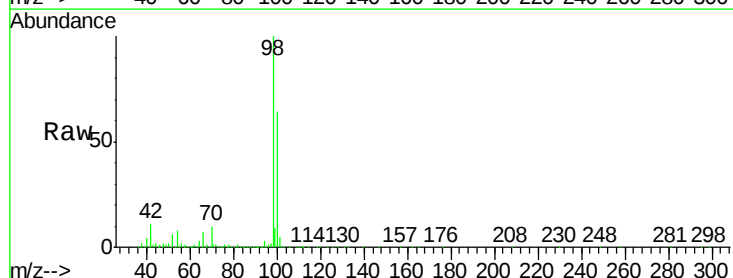
Manual Integrations
APPROVED

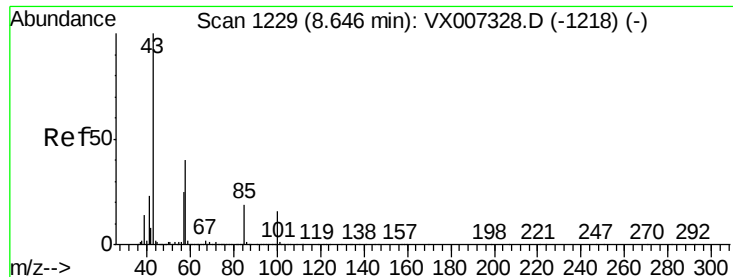
MMDadoda
2/4/2019 9:36:42 AM



#50
Toluene-d8
Concen: 49.921 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 263.153 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 43 Resp: 1632285

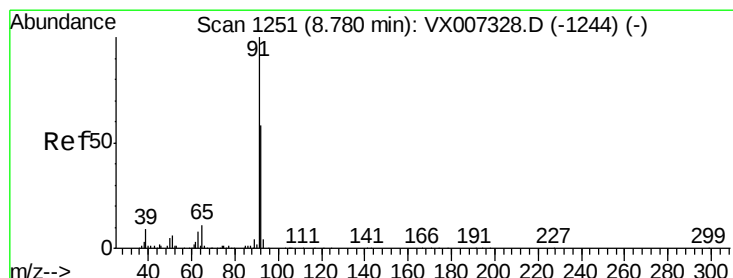
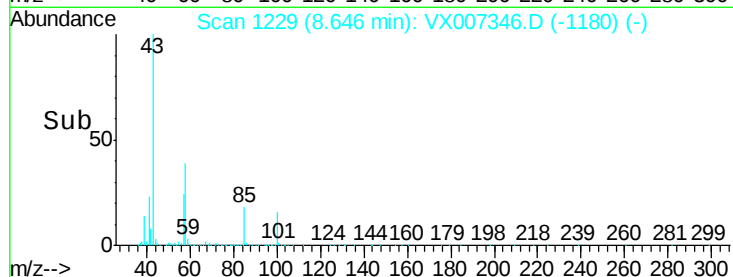
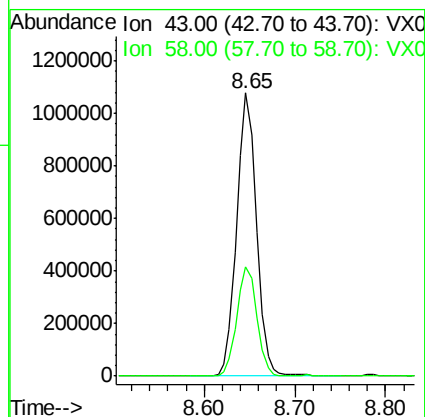
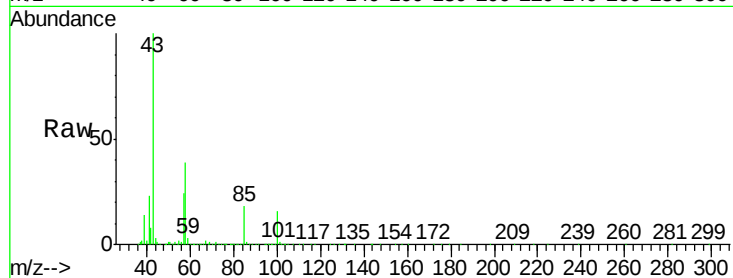
Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8

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#52

Toluene

Concen: 48.725 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007346.D

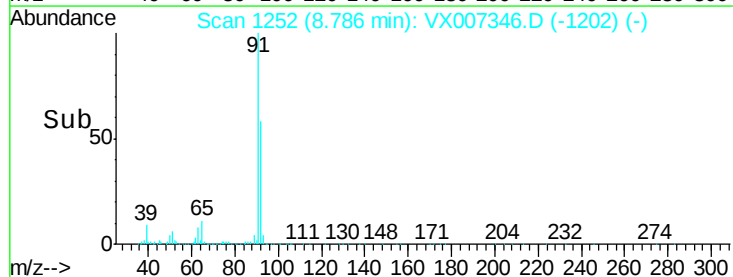
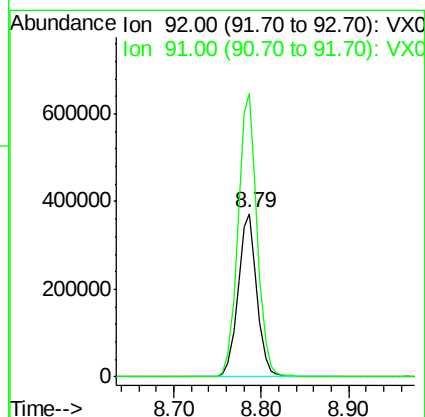
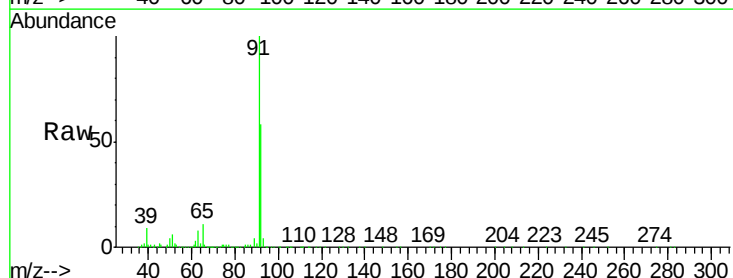
Acq: 01 Feb 2019 19:33

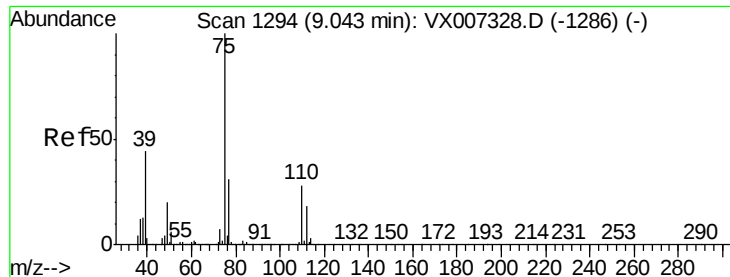
Tgt Ion: 92 Resp: 559220

Ion Ratio Lower Upper

92 100

91 176.4 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.403 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 75 Resp: 303124

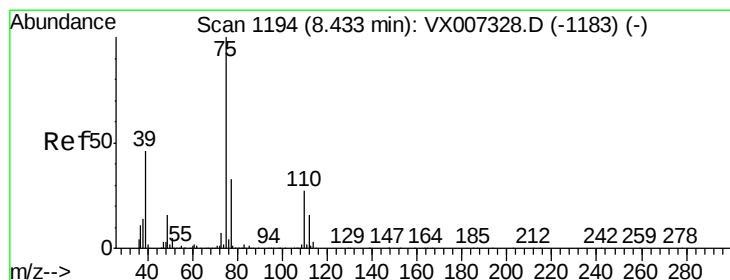
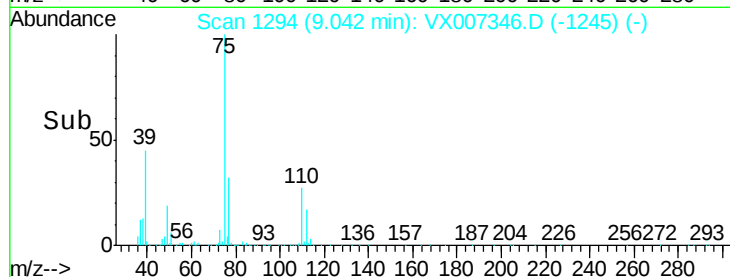
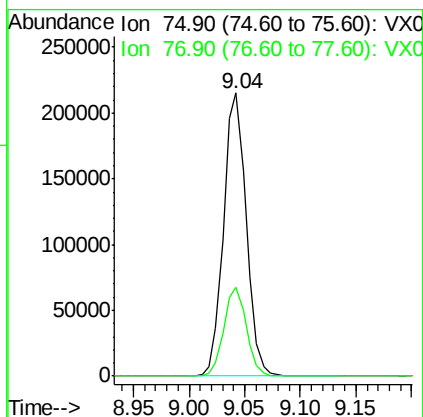
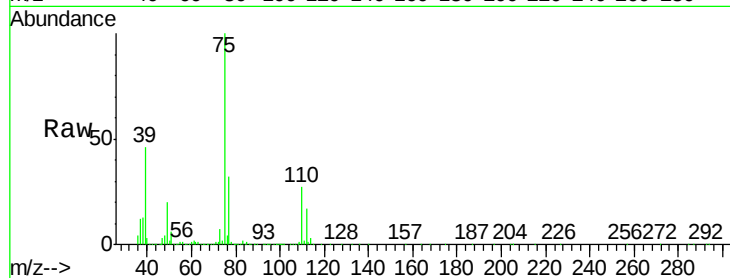
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 50.446 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

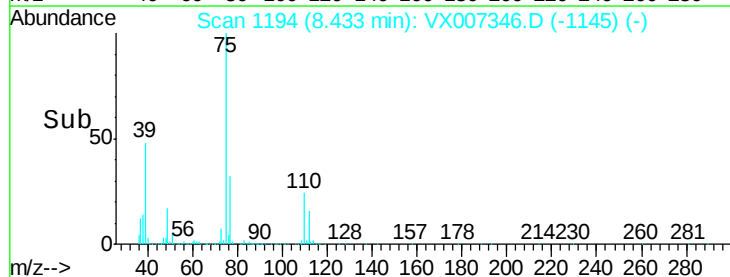
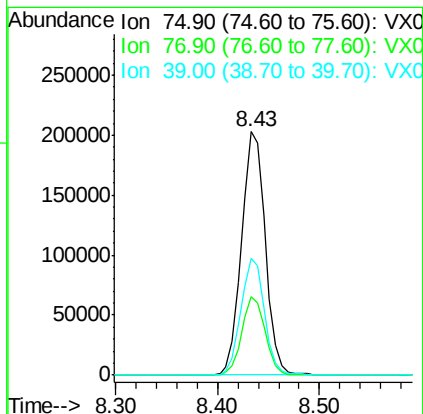
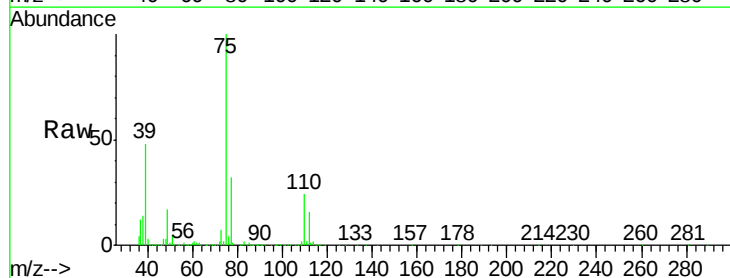
Tgt Ion: 75 Resp: 327141

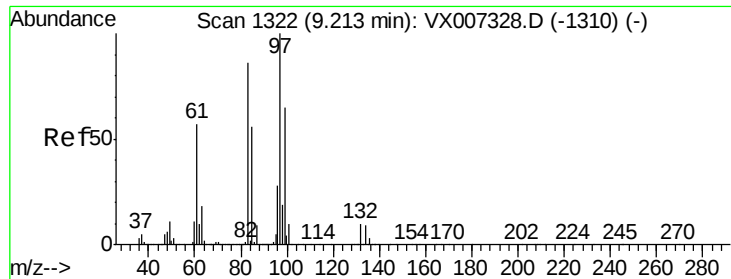
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 47.8 37.1 55.7





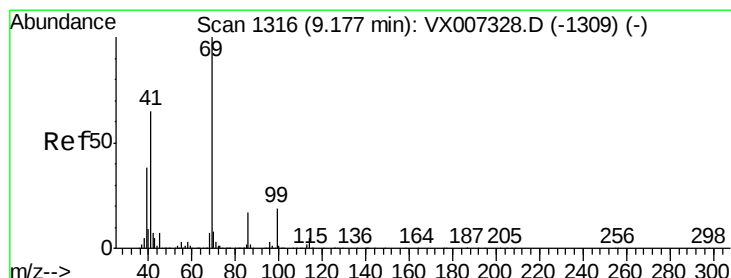
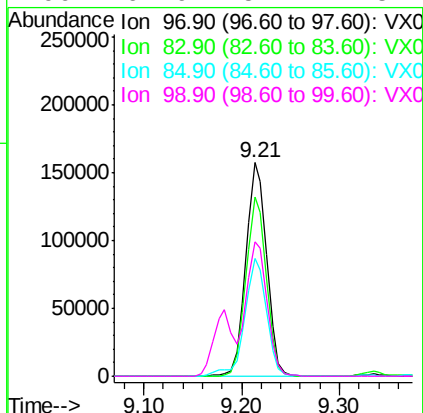
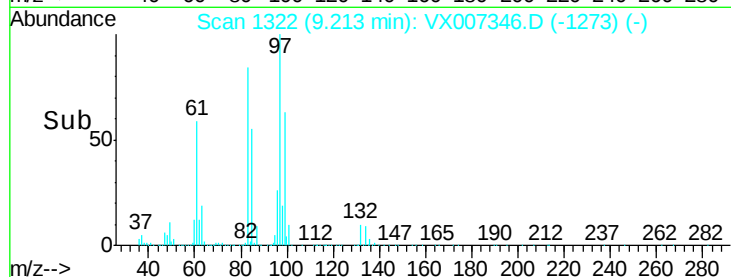
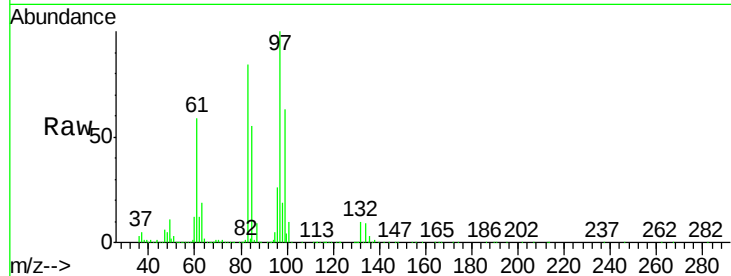
#55
1,1,2-Trichloroethane
Concen: 48.685 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		232914		
83	83.6	68.6	102.8		
85	55.2	44.5	66.7		
99	62.9	52.2	78.4		

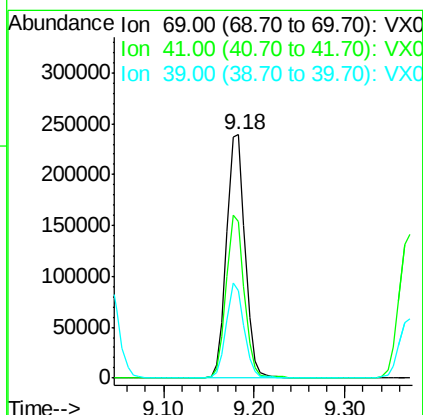
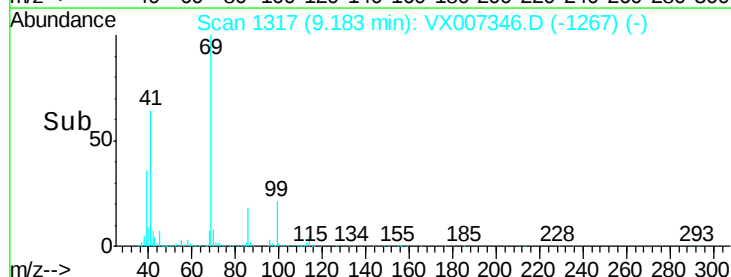
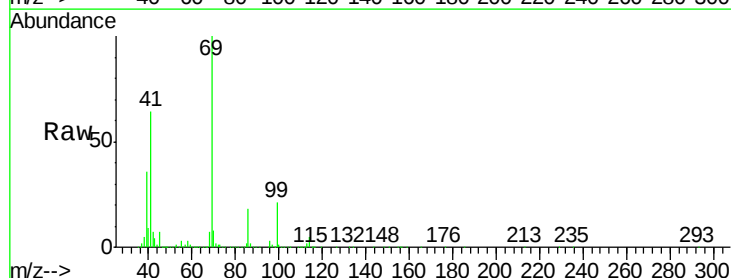
Manual Integrations
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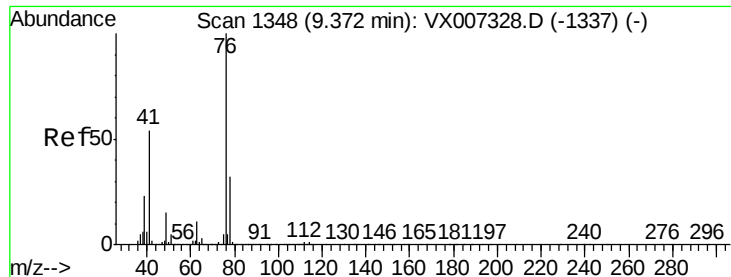
MMDadoda
2/4/2019 9:36:42 AM



#56
Ethyl methacrylate
Concen: 51.524 ug/l
RT: 9.18 min Scan# 1317
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		341403		
41	65.2	52.1	78.1		
39	37.1	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 49.239 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 76 Resp: 374614

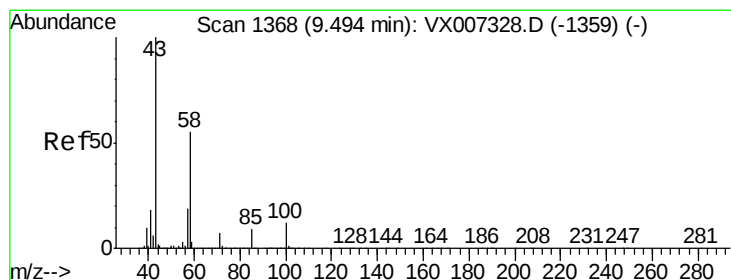
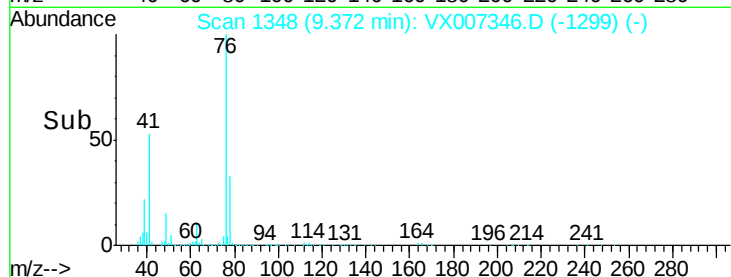
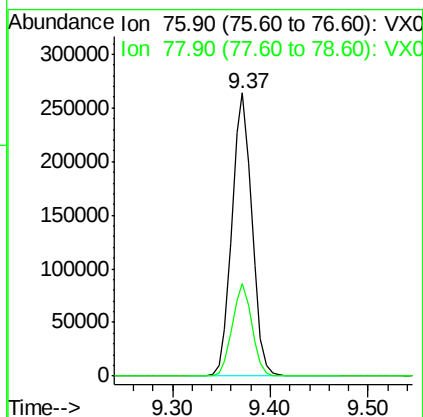
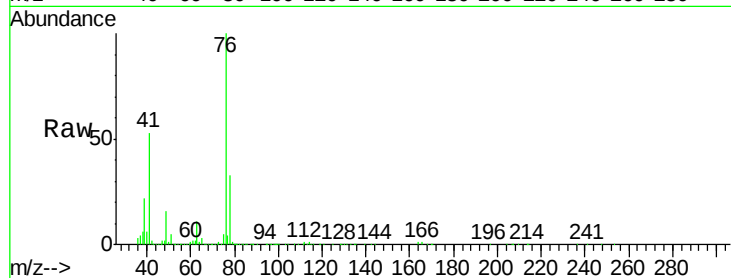
Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:36:42 AM



#59

2-Hexanone

Concen: 256.152 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007346.D

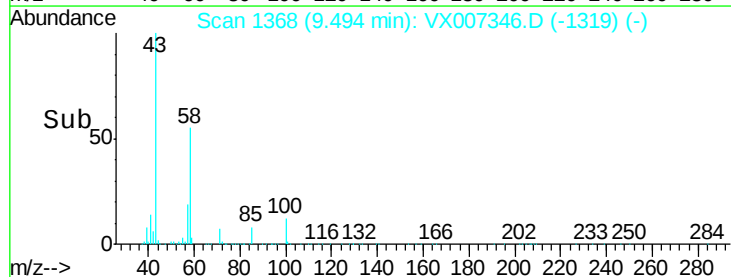
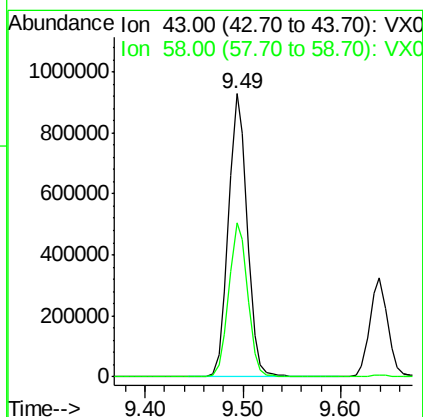
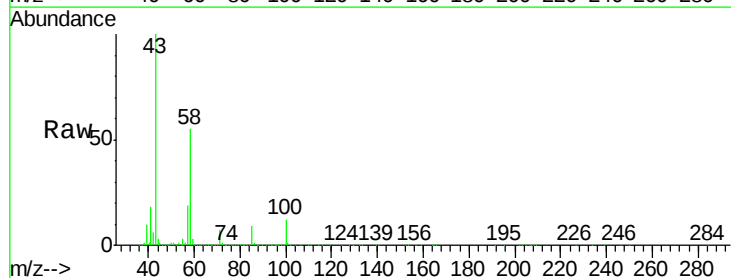
Acq: 01 Feb 2019 19:33

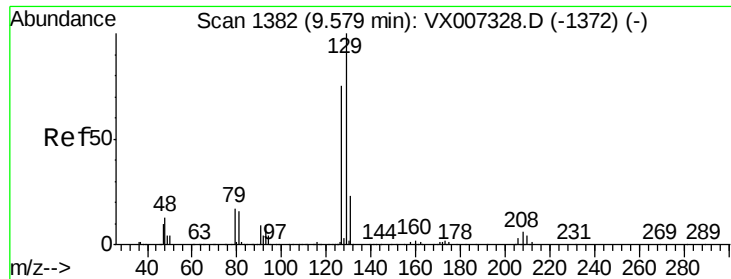
Tgt Ion: 43 Resp: 1236398

Ion Ratio Lower Upper

43 100

58 55.1 27.1 81.3





#60

Dibromochloromethane

Concen: 54.325 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:129 Resp: 245802

Ion Ratio Lower Upper

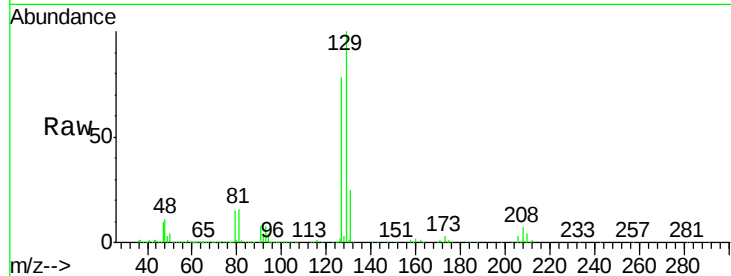
129 100

127 77.8 37.8 113.4

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.58

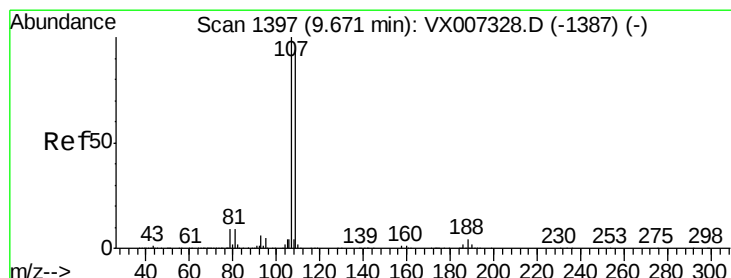
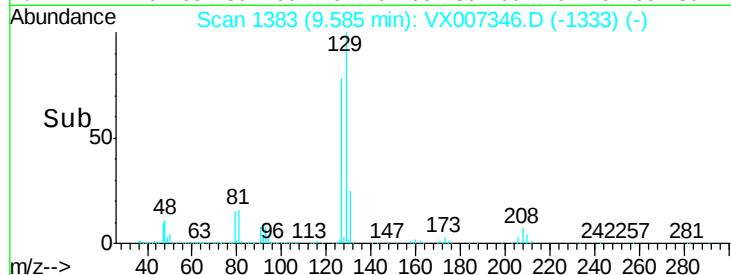
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 50.280 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007346.D

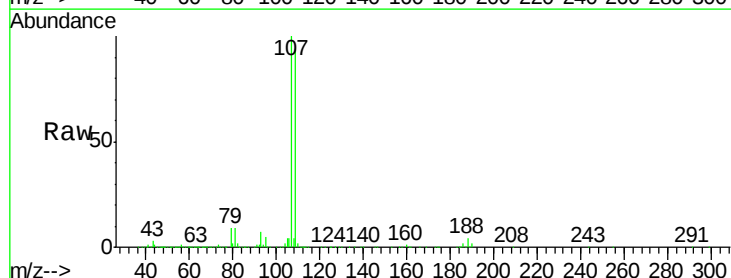
Acq: 01 Feb 2019 19:33

Tgt Ion:107 Resp: 254738

Ion Ratio Lower Upper

107 100

109 94.8 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

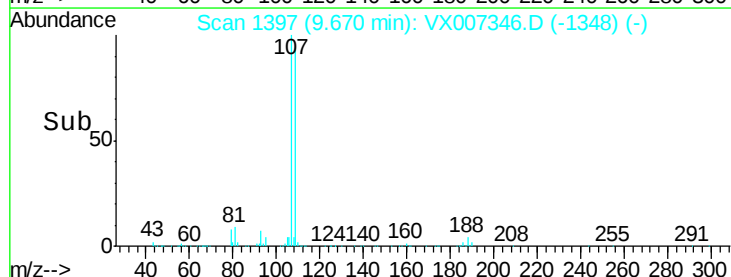
150000

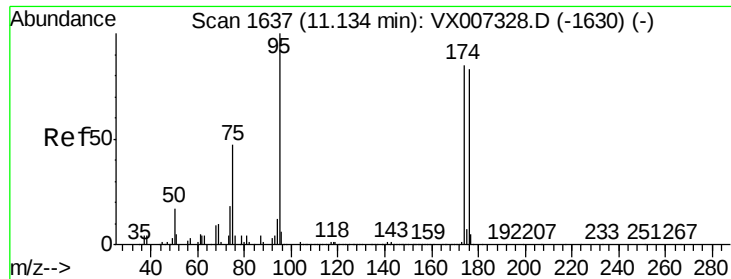
100000

50000

0

Time-->





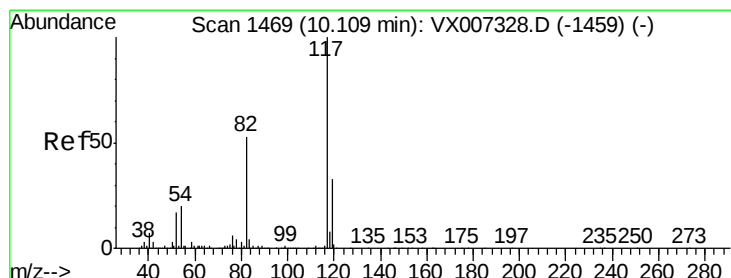
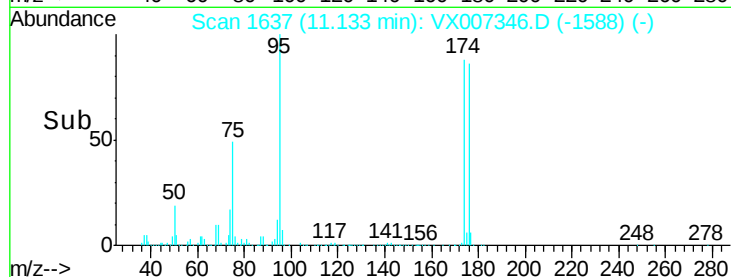
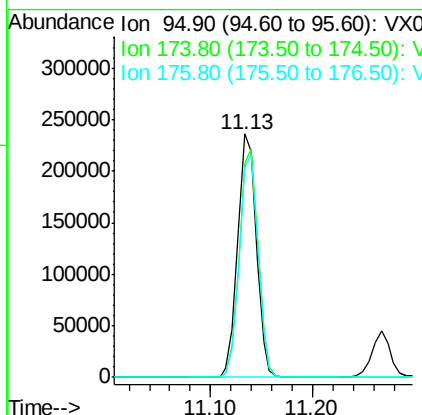
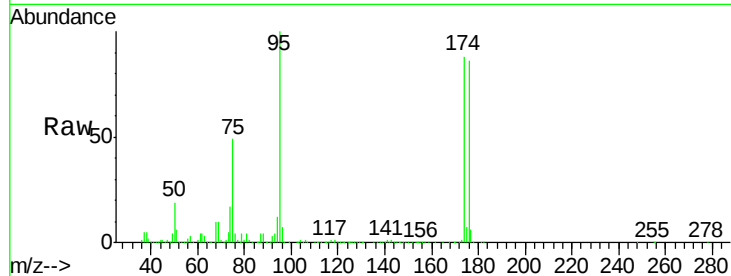
#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	296948		
174	94.1	0.0	189.2	
176	91.7	0.0	186.2	

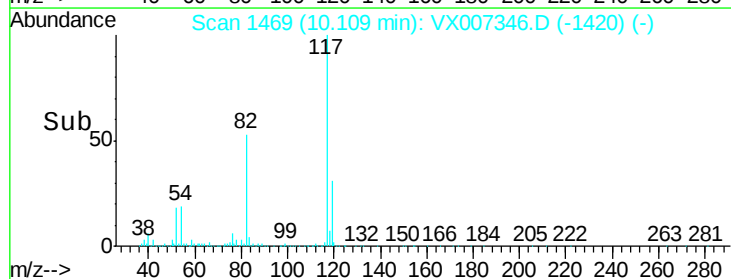
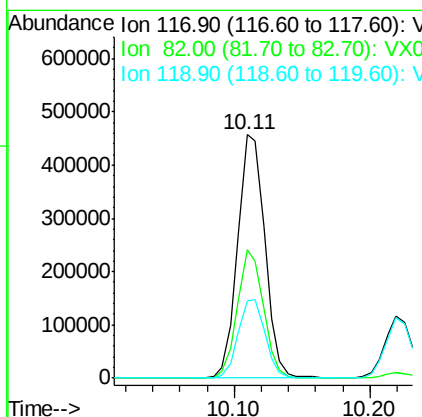
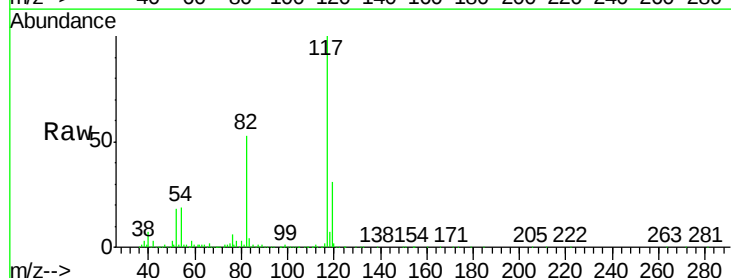
Manual Integrations
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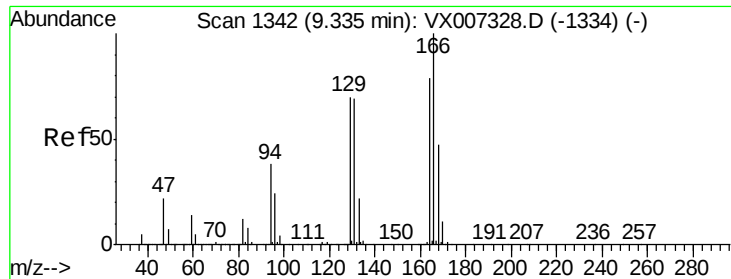
MMDadoda
2/4/2019 9:36:42 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	637164		
82	52.8	42.1	63.1	
119	31.5	26.5	39.7	





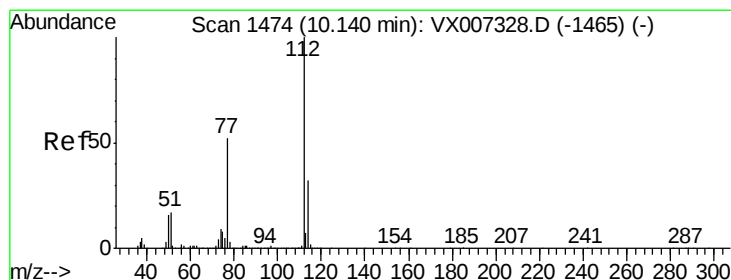
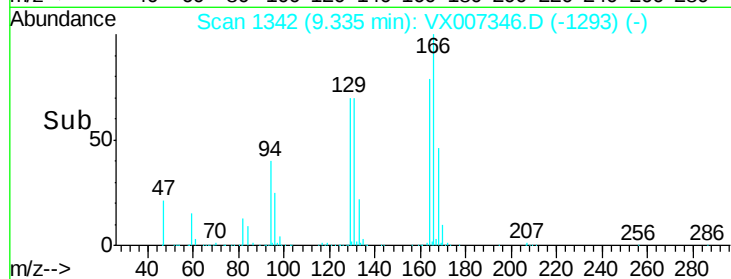
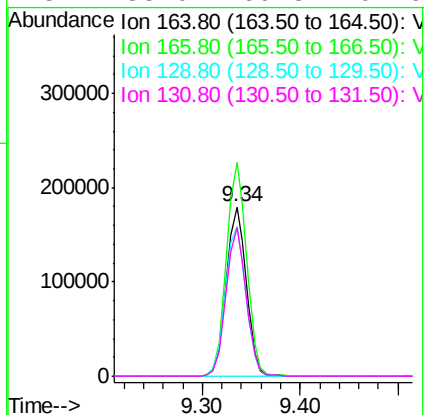
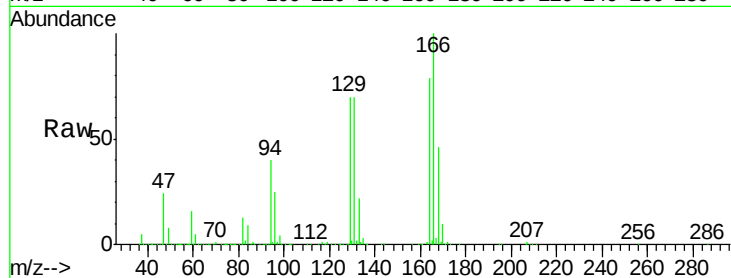
#64
Tetrachloroethene
Concen: 42.866 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	101.0	151.4
129	88.8	70.5	105.7
131	88.0	69.8	104.6

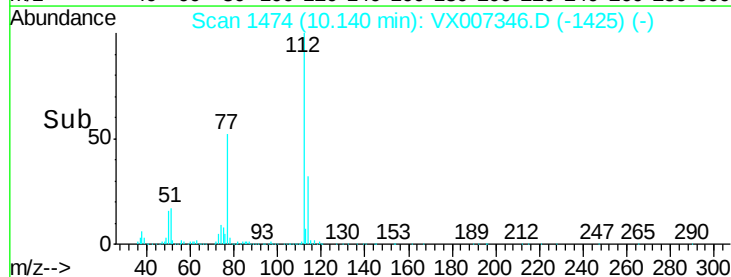
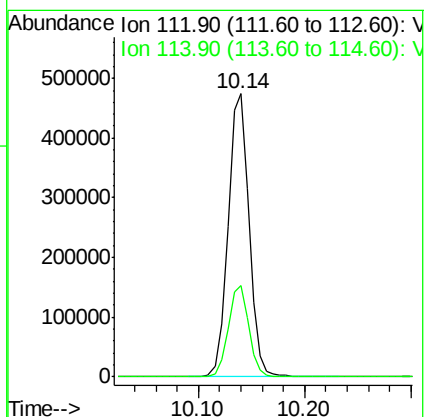
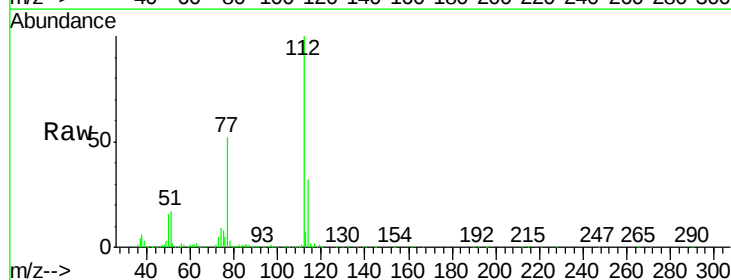
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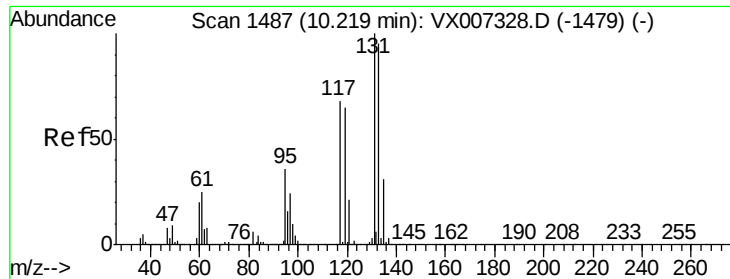
MMDadoda
2/4/2019 9:36:42 AM



#65
Chlorobenzene
Concen: 46.954 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 49.988 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

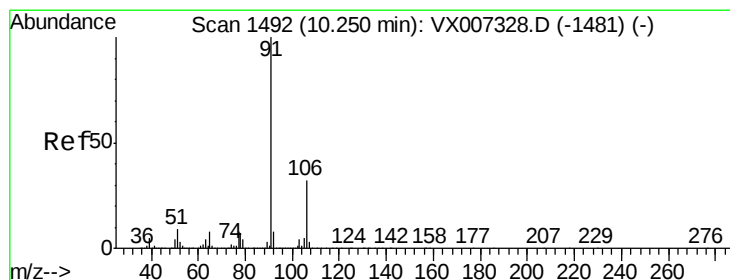
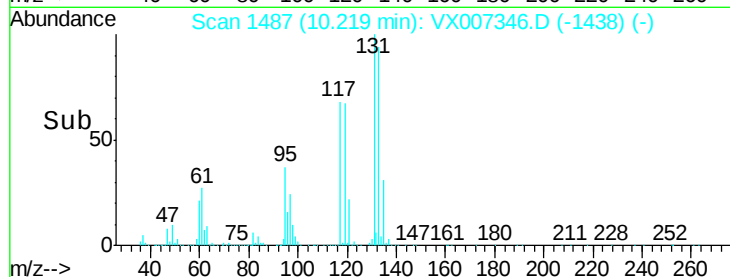
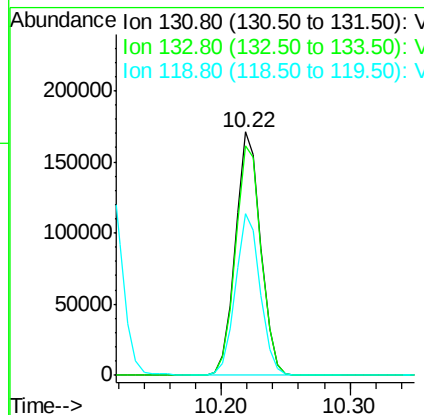
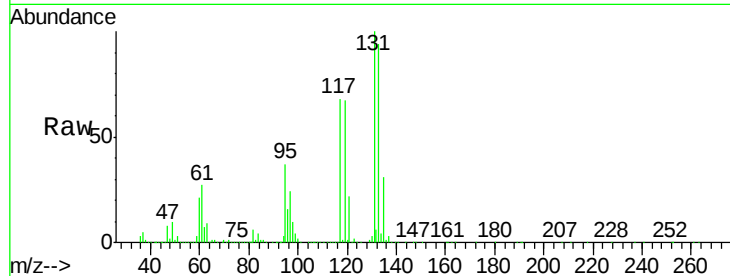
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	131	Resp:	233026
Ion Ratio	Lower	Upper	
131	100		
133	96.3	48.0	144.2
119	65.0	32.0	96.0

Manual Integrations
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#67

Ethyl Benzene

Concen: 48.118 ug/l

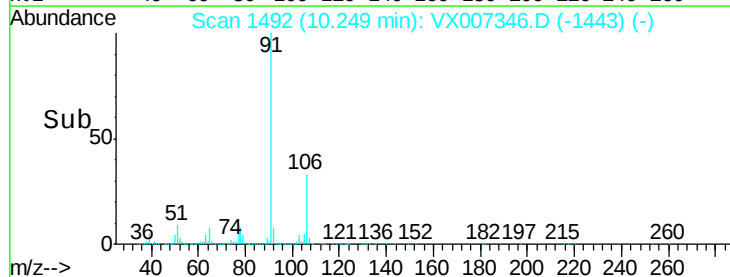
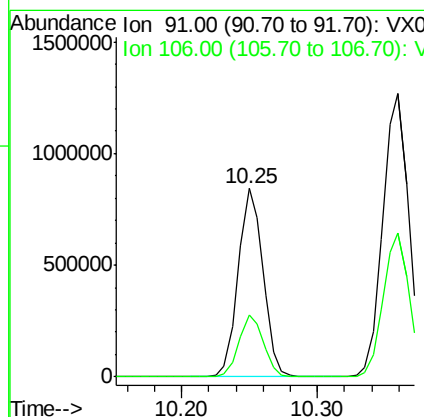
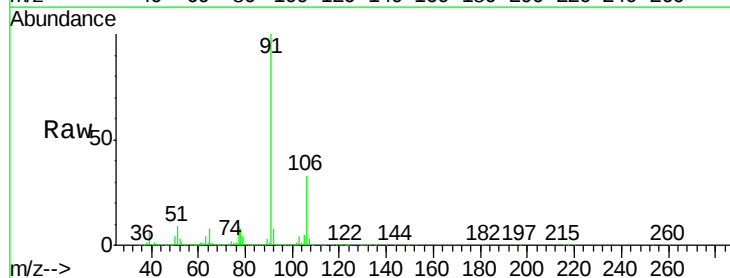
RT: 10.25 min Scan# 1492

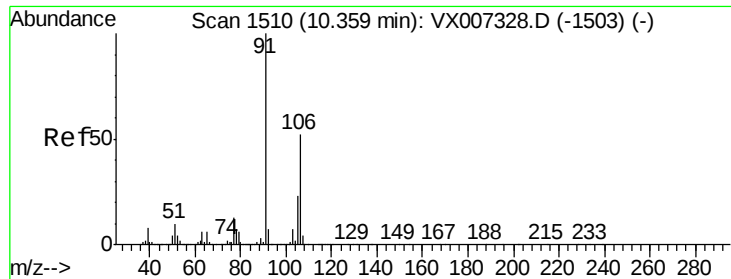
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	91	Resp:	1077414
Ion Ratio	Lower	Upper	
91	100		
106	32.8	25.4	38.0





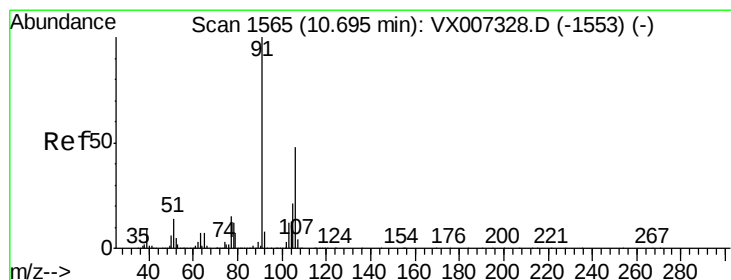
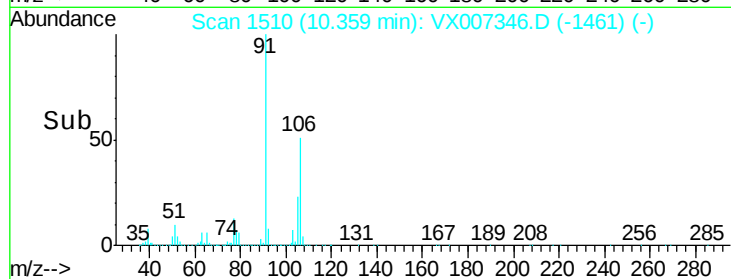
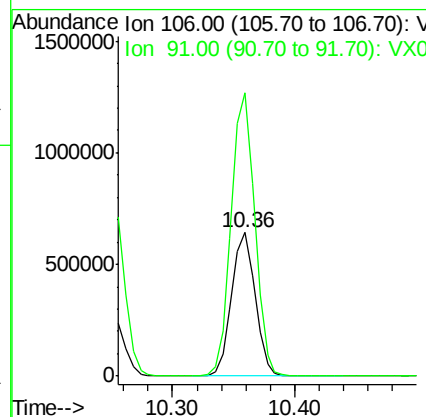
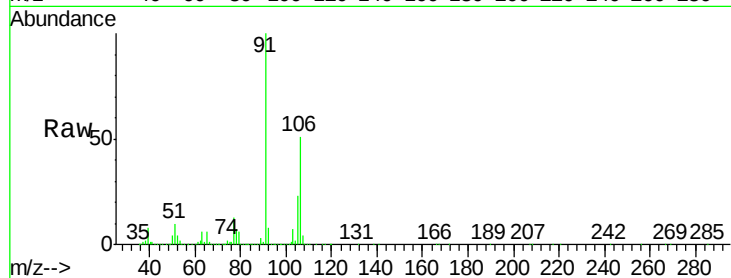
#68
m/p-Xylenes
Concen: 96.260 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	197.2	156.6	856781	234.8	

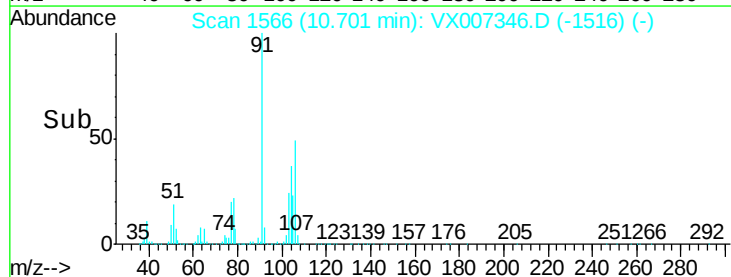
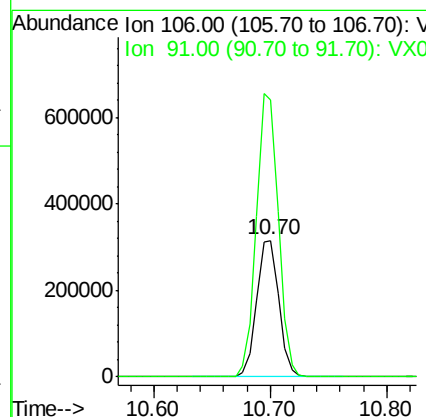
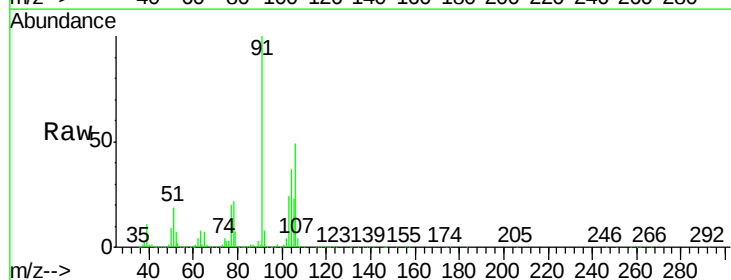
Manual Integrations
APPROVED

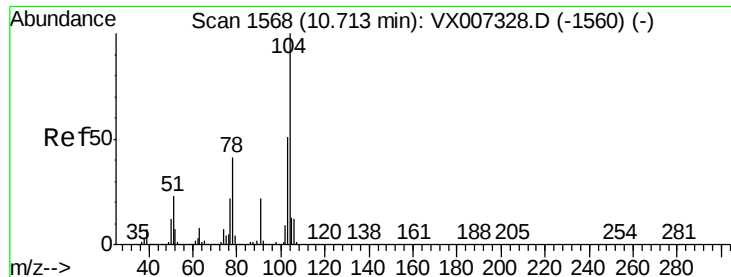
MMDadoda
2/4/2019 9:36:42 AM



#69
o-Xylene
Concen: 48.991 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.7	102.9	419592	308.7	





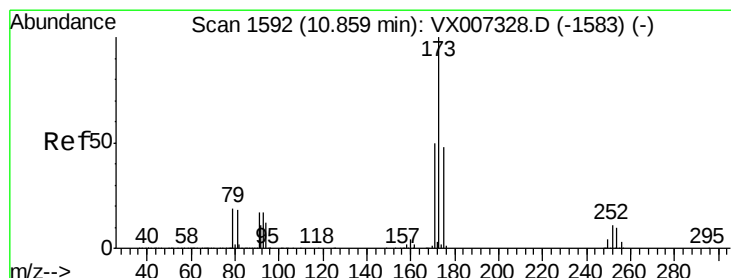
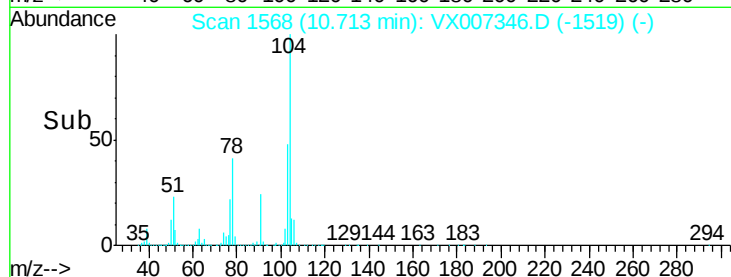
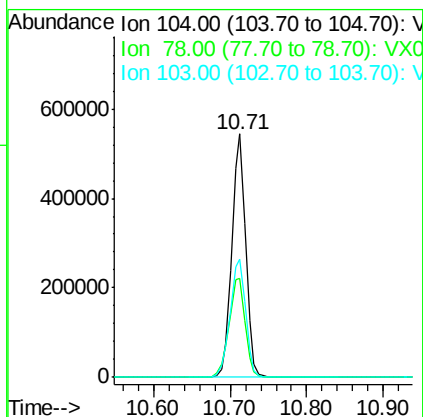
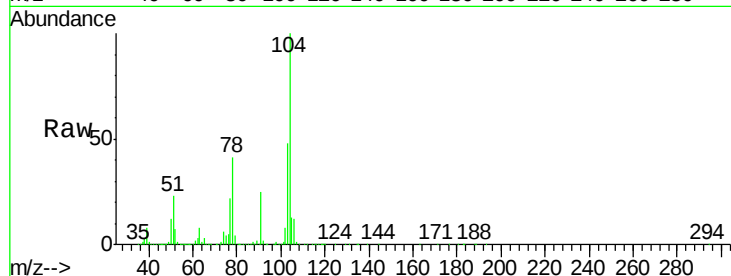
#70
Stvrene
Concen: 49.326 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.3	57.5
103	54.6	44.6	67.0

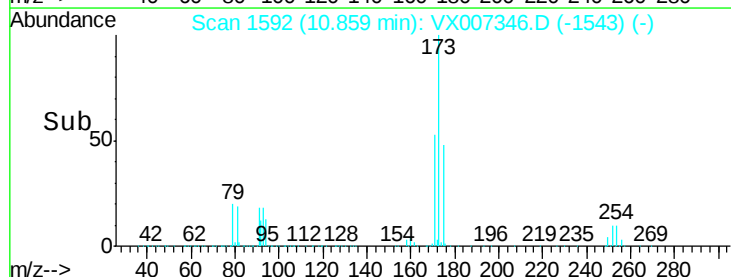
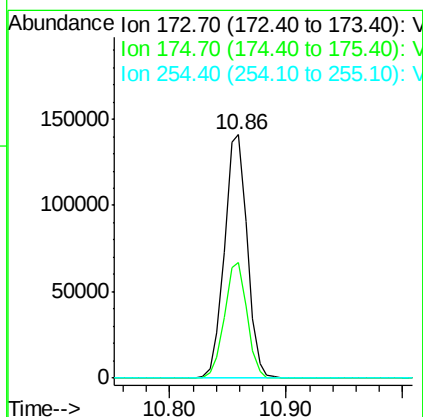
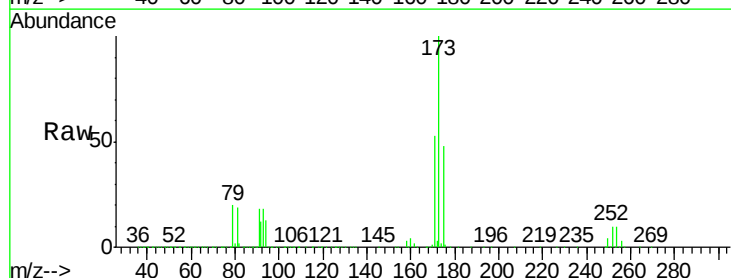
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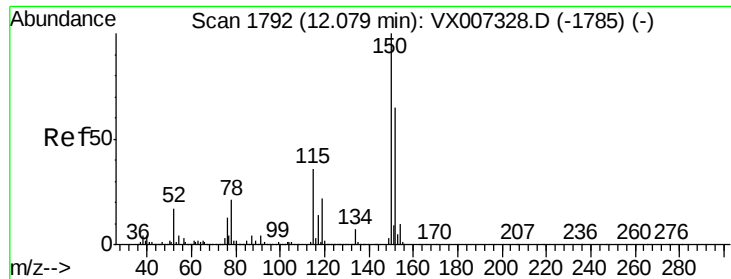
MMDadoda
2/4/2019 9:36:42 AM



#71
Bromoform
Concen: 46.839 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.2	72.6
254	0.3	0.2	0.2#





#72

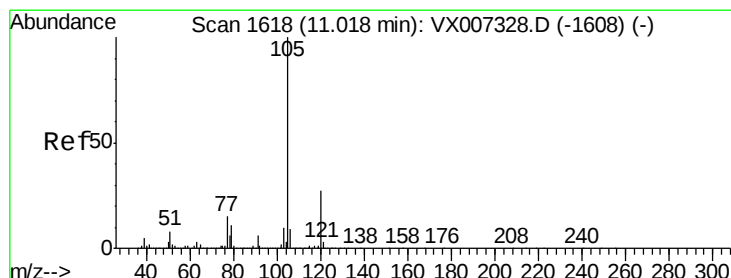
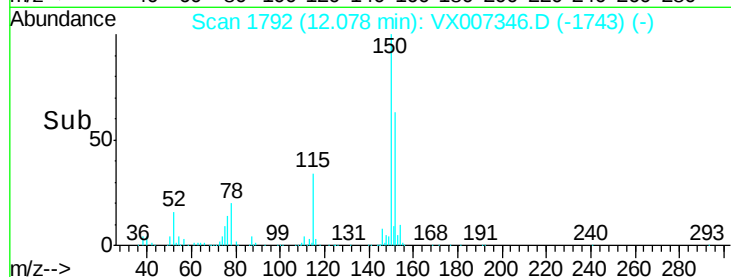
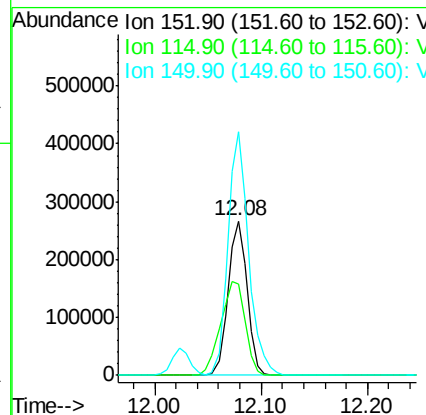
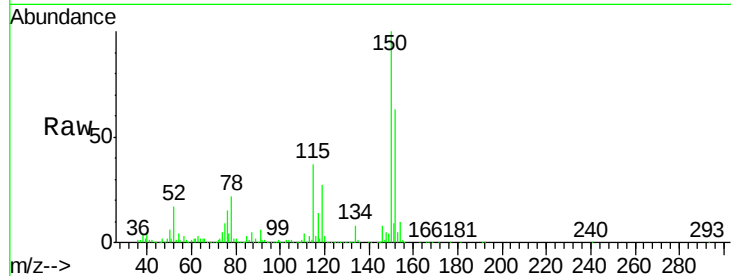
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
152	100		
115	77.4	38.0	114.0
150	171.1	0.0	346.4

Manual Integrations
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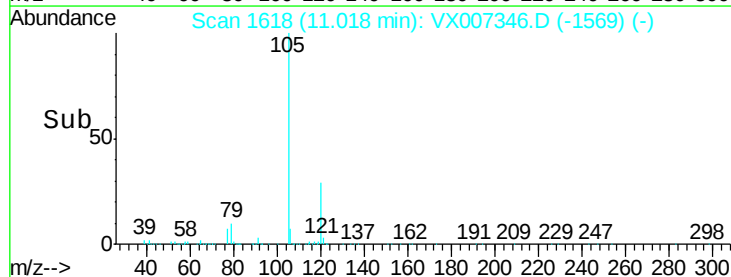
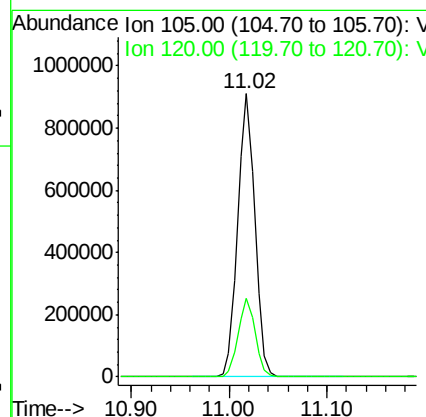
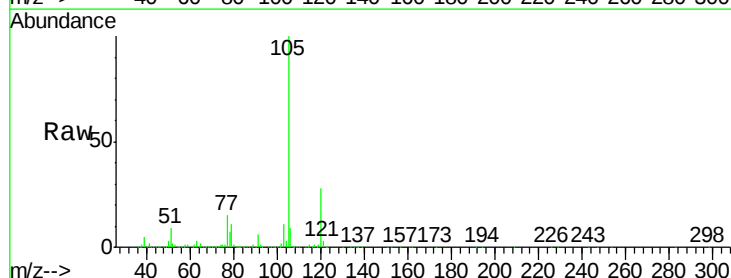
MMDadoda
2/4/2019 9:36:42 AM

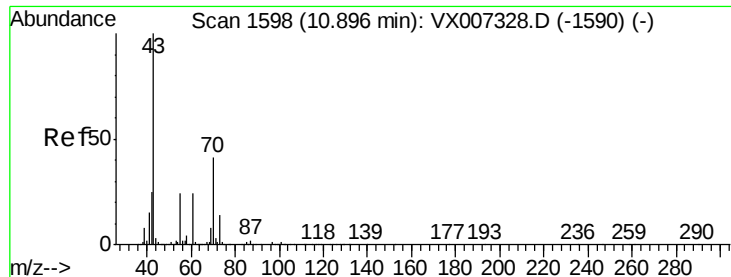


#73

Isopropylbenzene
Concen: 49.165 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.6	40.7





#74

N-amvl acetate

Concen: 47.130 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

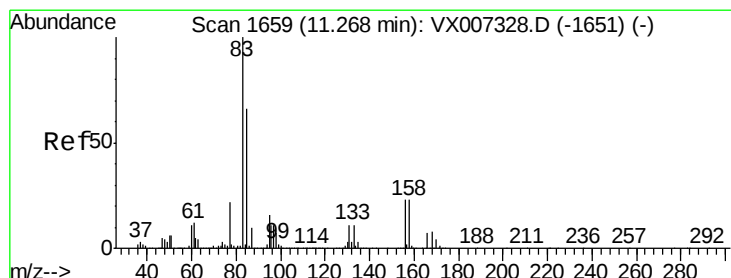
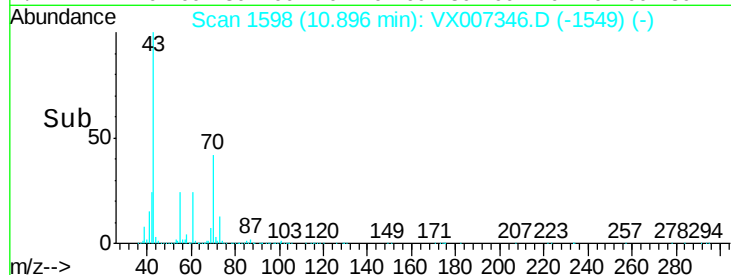
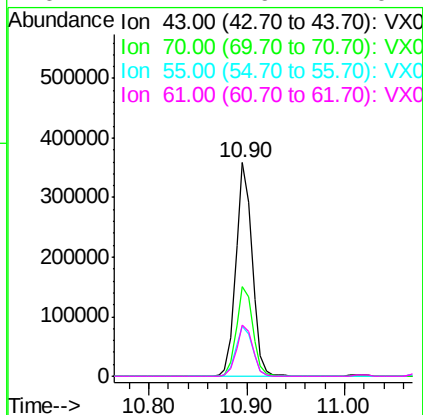
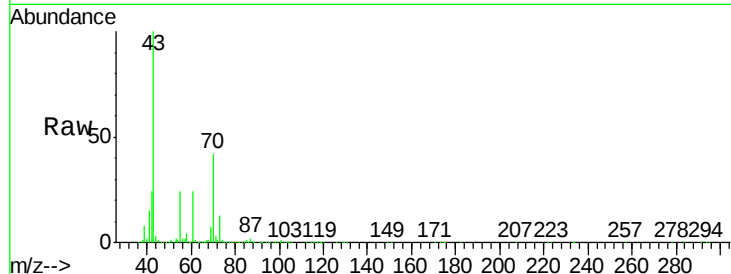
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	42.8	33.8	50.6	
55	24.6	19.5	29.3	
61	24.2	19.4	29.2	

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2/4/2019 9:36:42 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 50.003 ug/l

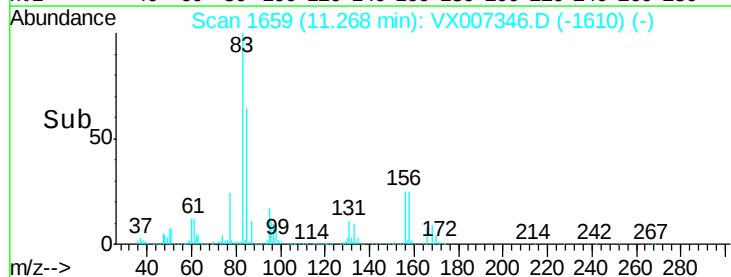
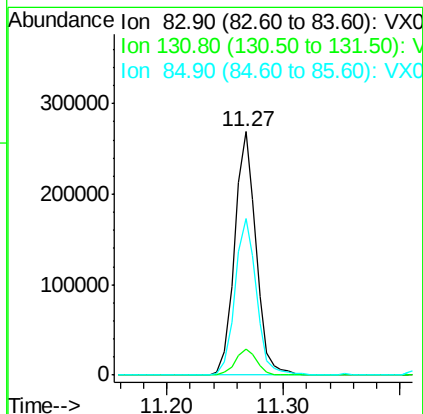
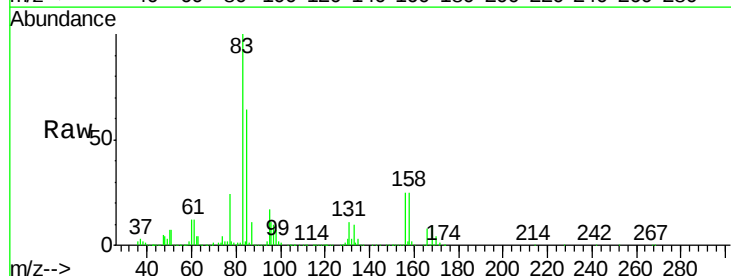
RT: 11.27 min Scan# 1659

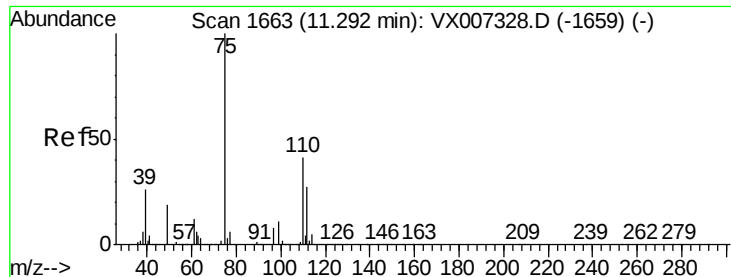
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.0	5.7	17.0	
85	64.8	32.8	98.3	





#76

1,2,3-Trichloropropane

Concen: 50.187 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 75 Resp: 324687

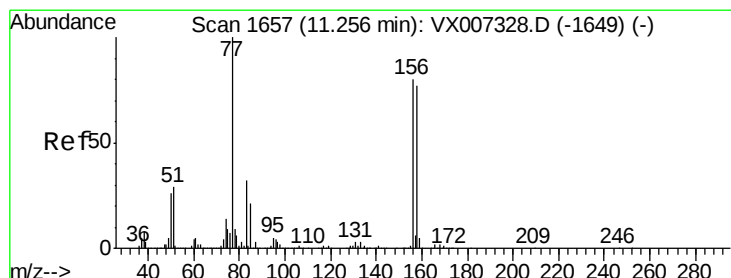
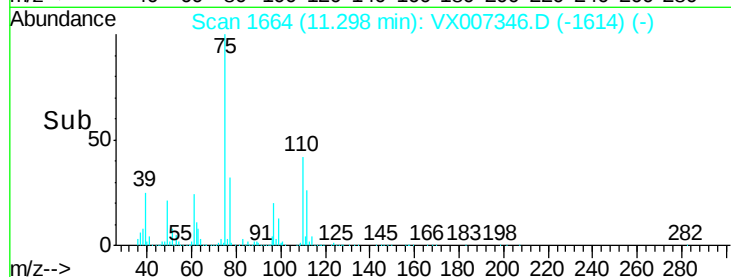
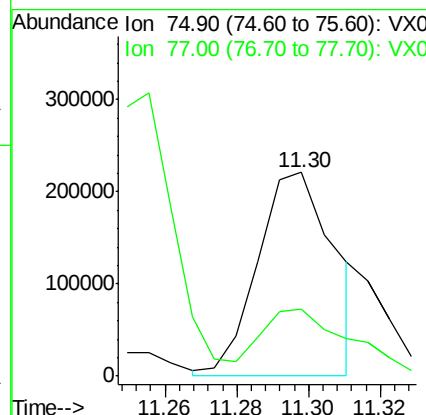
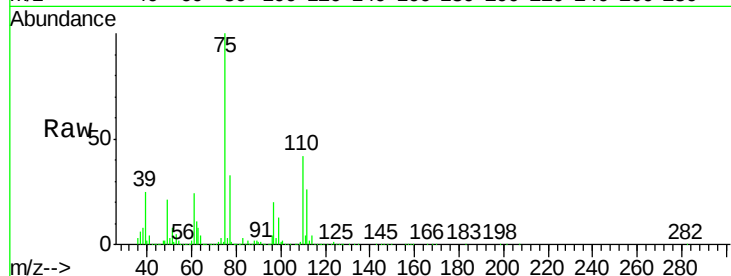
Ion Ratio Lower Upper

75 100

77 38.3 23.0 69.0

Manual Integrations
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2/4/2019 9:36:42 AM



#77

Bromobenzene

Concen: 48.033 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

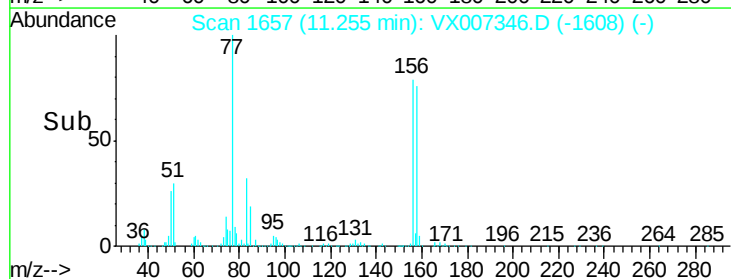
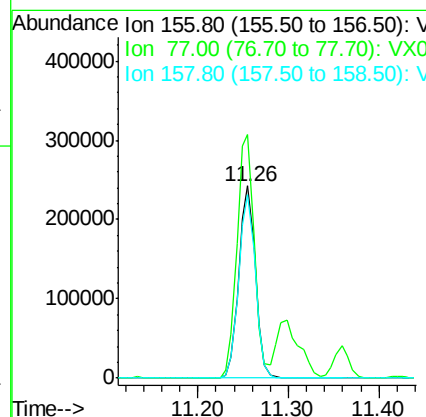
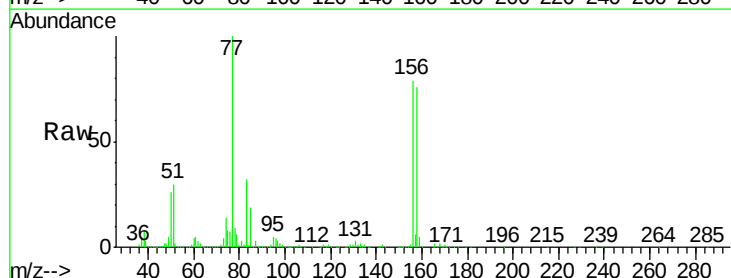
Tgt Ion: 156 Resp: 305888

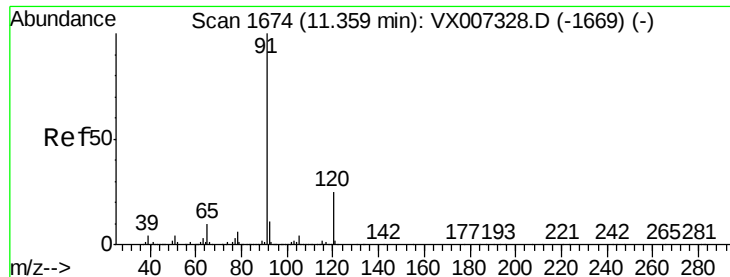
Ion Ratio Lower Upper

156 100

77 133.4 66.8 200.6

158 96.5 47.9 143.8





#78

n-propylbenzene

Concen: 50.861 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion: 91 Resp: 1260559

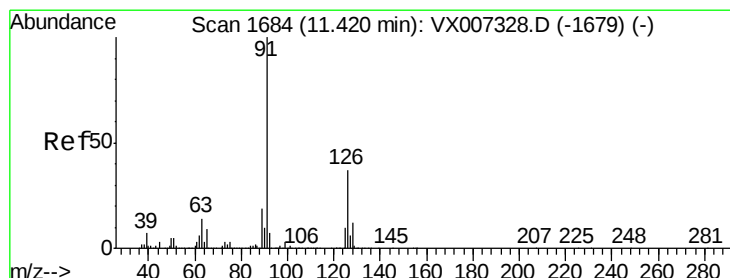
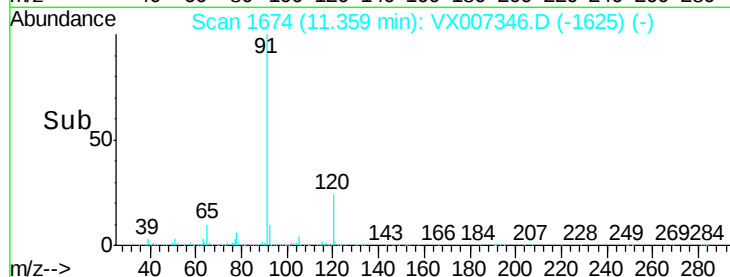
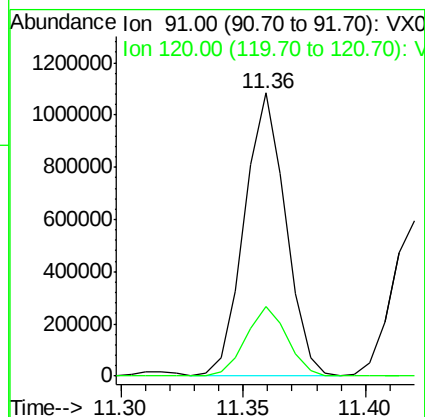
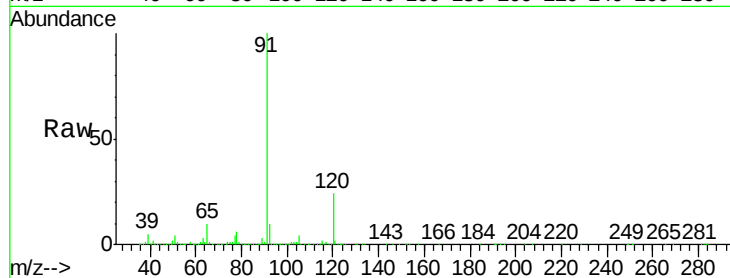
Ion Ratio Lower Upper

91 100

120 24.6 12.4 37.2

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.532 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007346.D

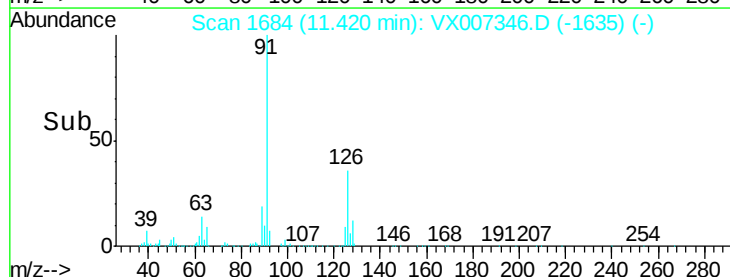
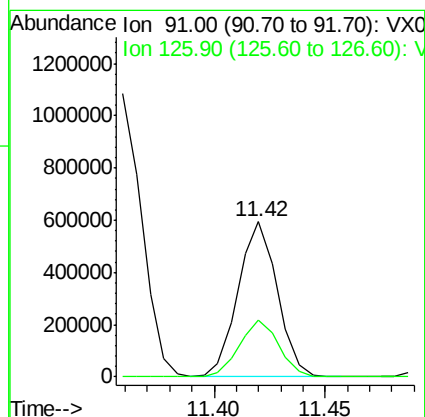
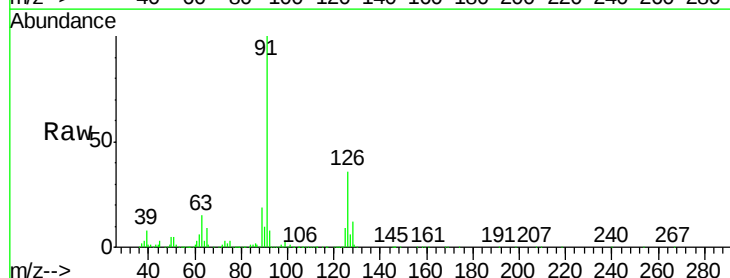
Acq: 01 Feb 2019 19:33

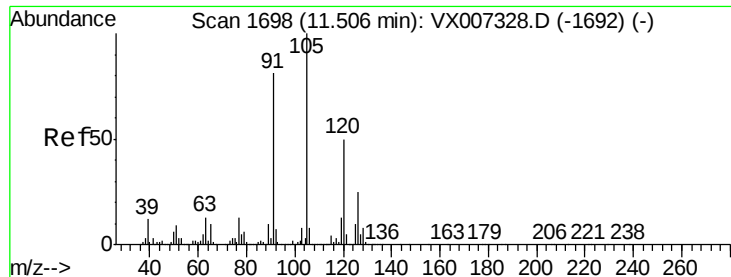
Tgt Ion: 91 Resp: 729861

Ion Ratio Lower Upper

91 100

126 36.9 18.7 56.1





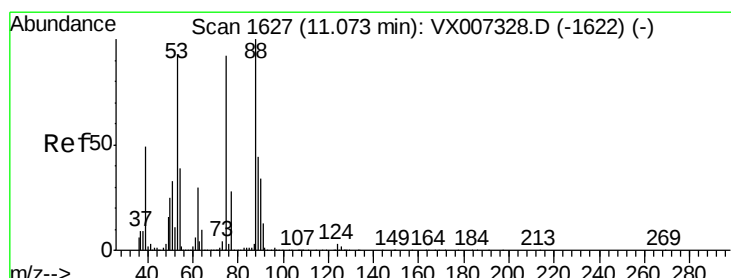
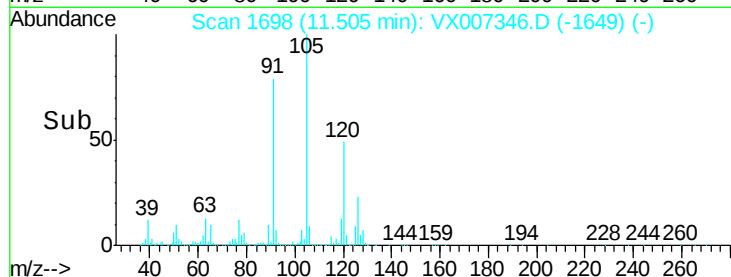
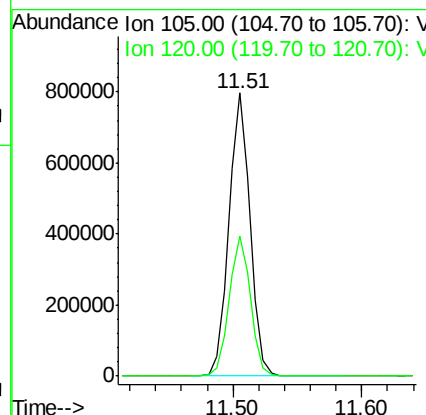
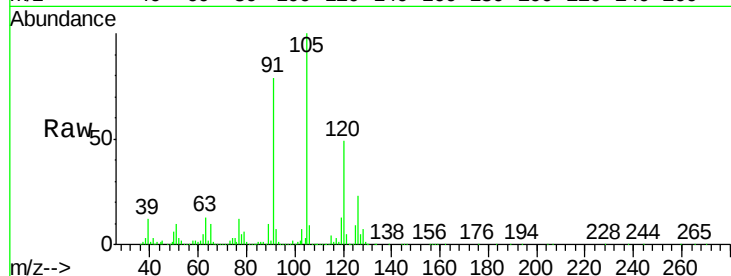
#80
 1,3,5-Trimethylbenzene
 Concen: 49.816 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.3	75.8

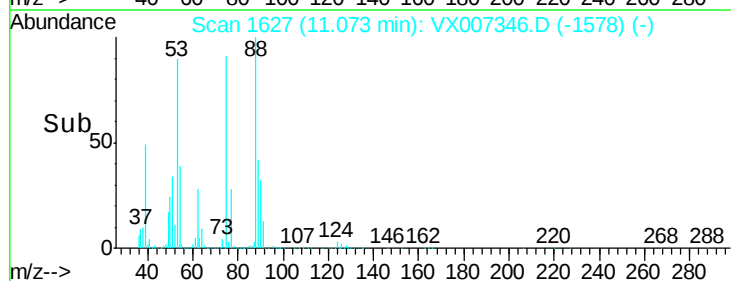
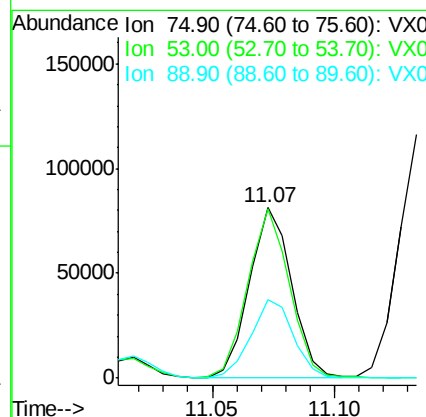
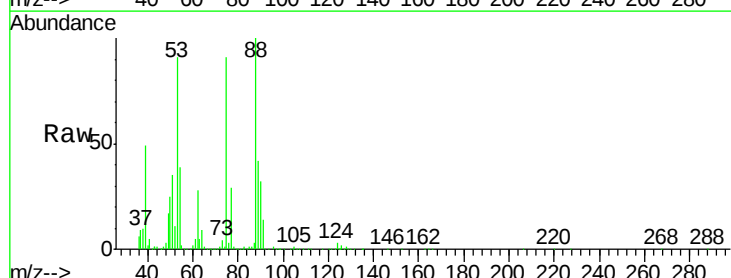
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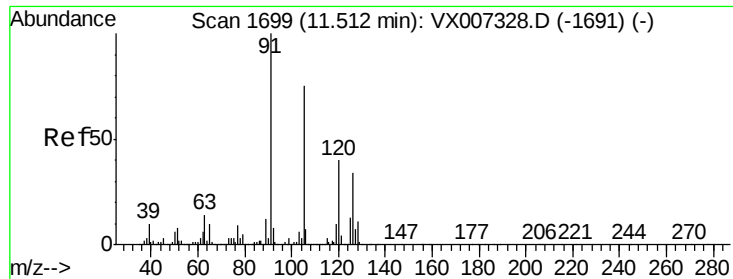
MMDadoda
 2/4/2019 9:36:42 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.480 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.3	81.0	121.6
89	46.8	41.4	62.0





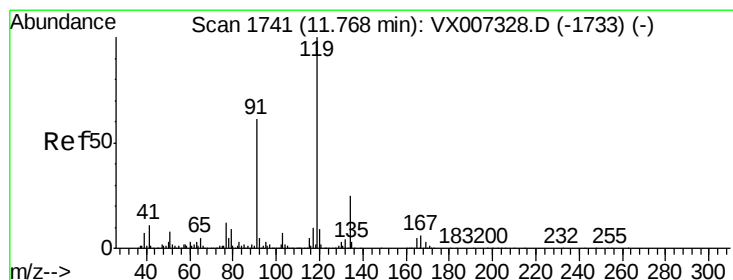
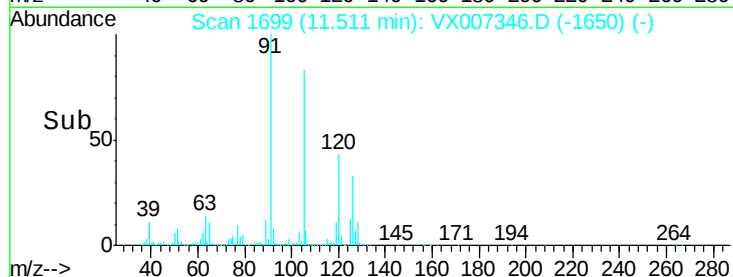
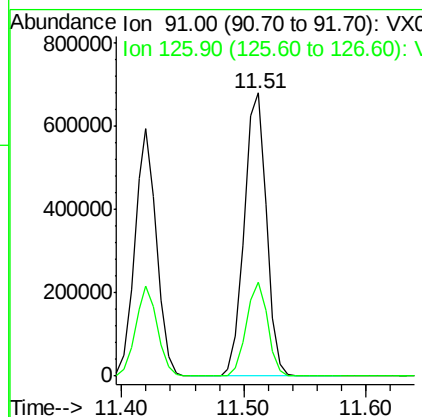
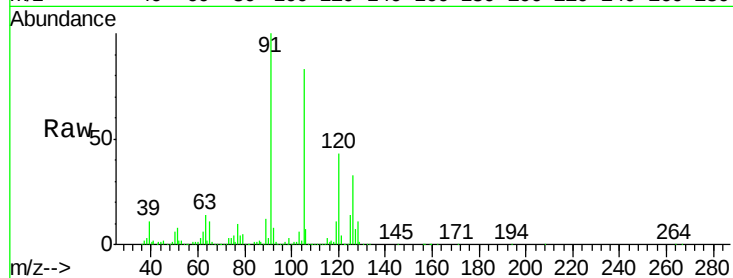
#82
4-Chlorotoluene
Concen: 48.924 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.5

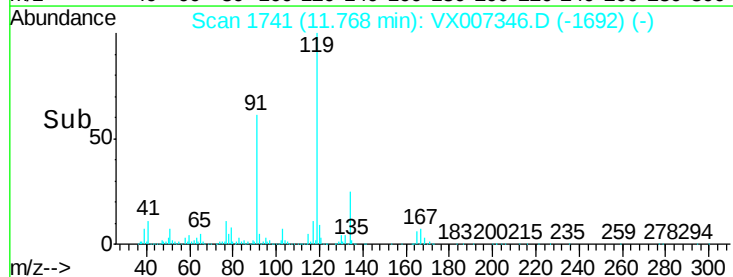
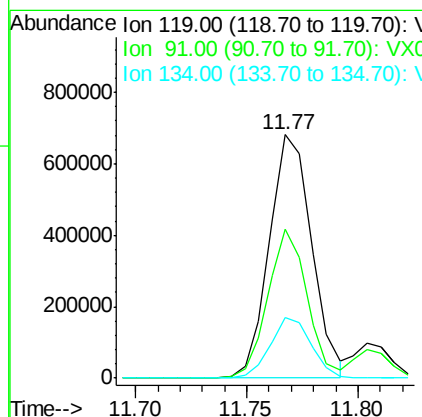
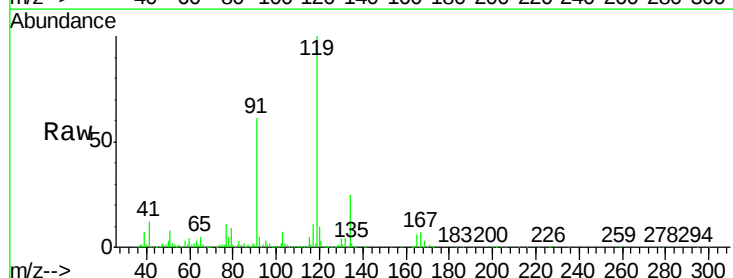
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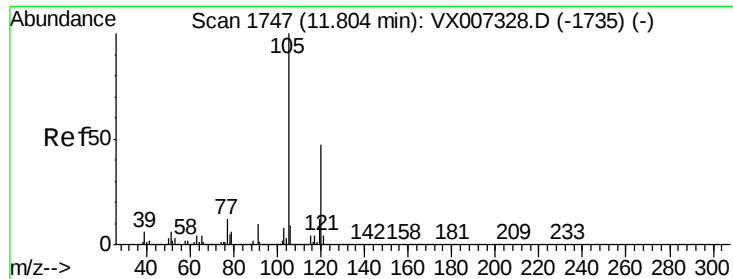
MMDadoda
2/4/2019 9:36:42 AM



#83
tert-Butylbenzene
Concen: 49.310 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.5	85.6
134	24.2	12.0	36.0





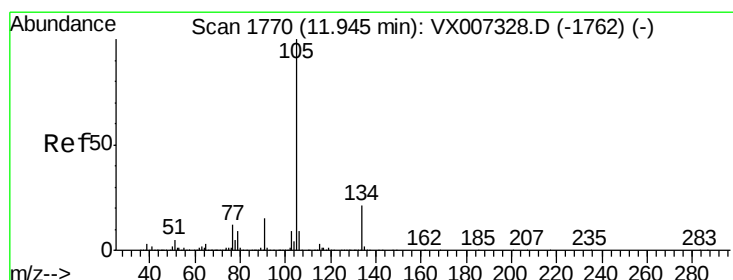
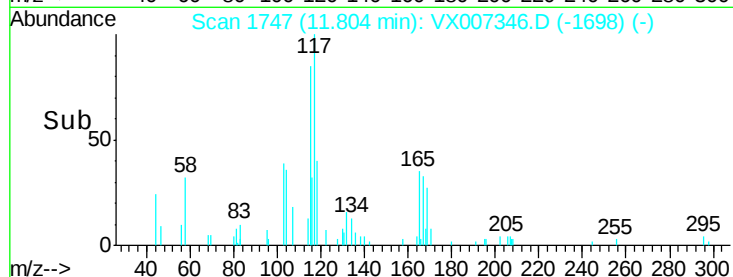
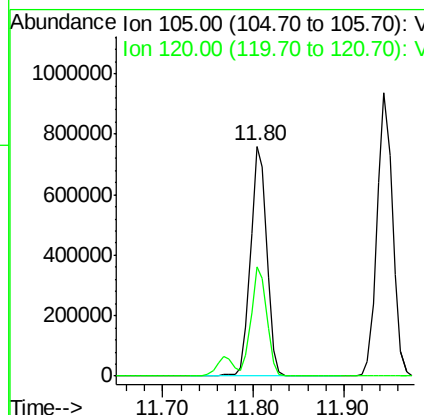
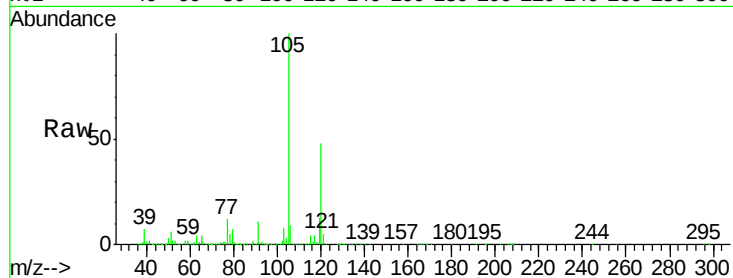
#84
 1,2,4-Trimethylbenzene
 Concen: 50.075 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.3

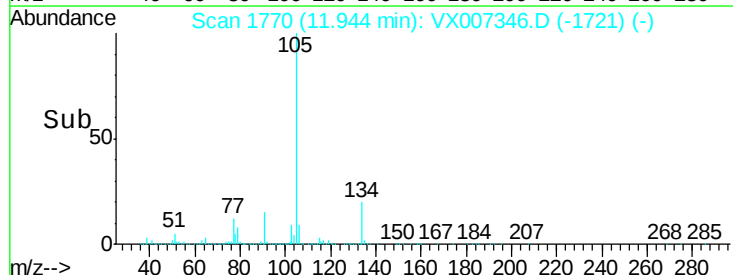
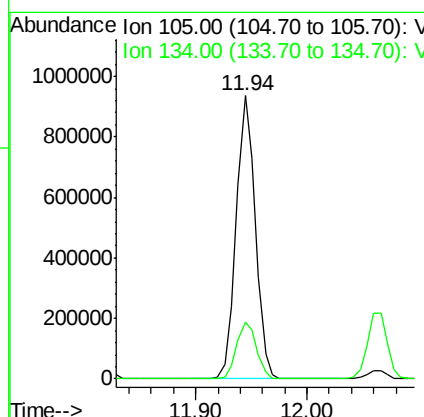
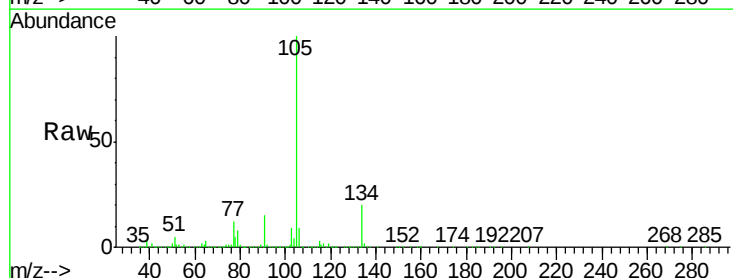
Manual Integrations
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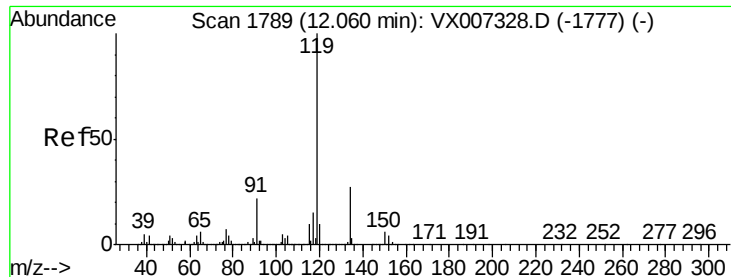
MMDadoda
 2/4/2019 9:36:42 AM



#85
 sec-Butylbenzene
 Concen: 50.158 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.6	31.8





#86

p-Isopropyltoluene

Concen: 49.955 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

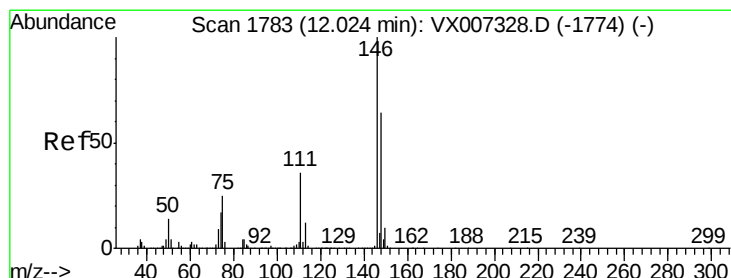
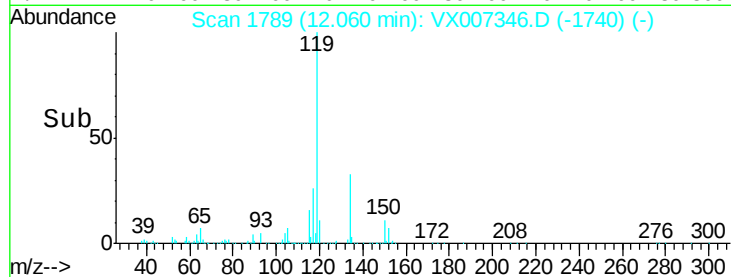
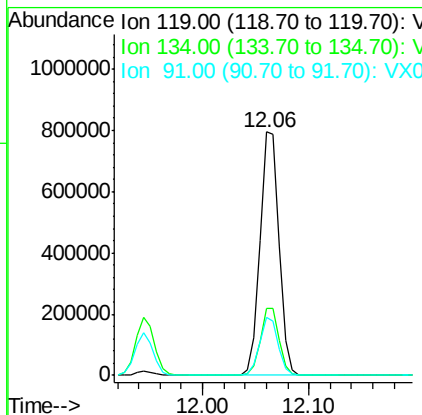
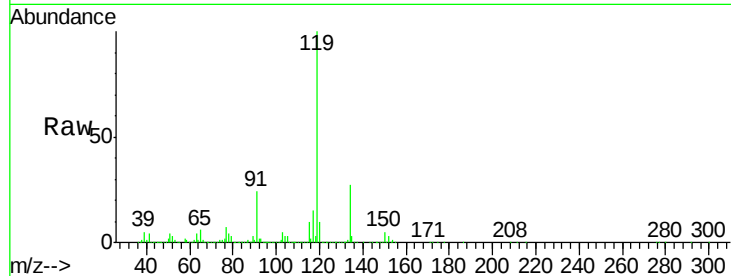
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	119	Resp:	999178
Ion Ratio	Lower	Upper	
119	100		
134	27.0	13.7	41.1
91	22.8	11.2	33.5

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 46.903 ug/l

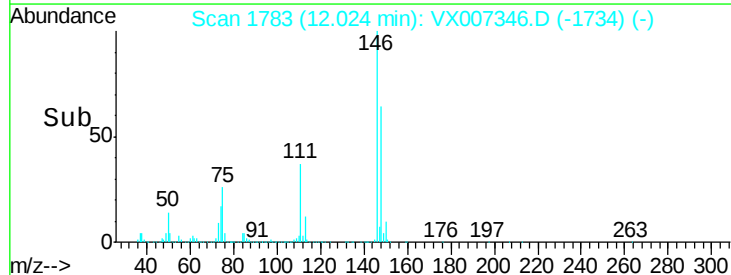
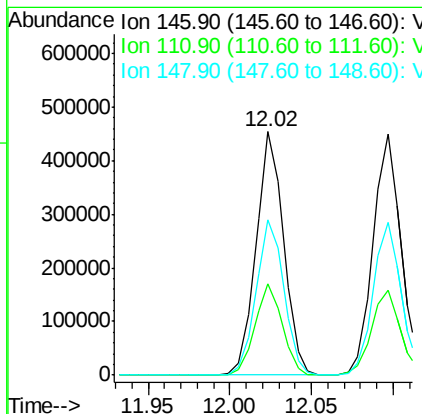
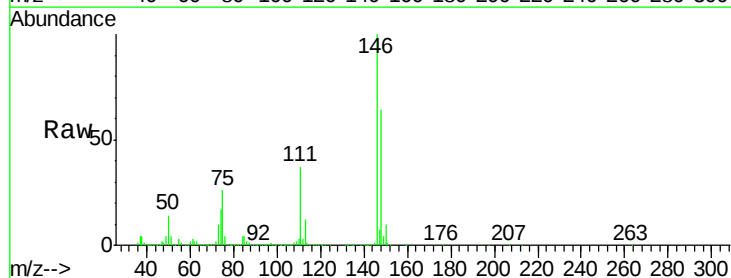
RT: 12.02 min Scan# 1783

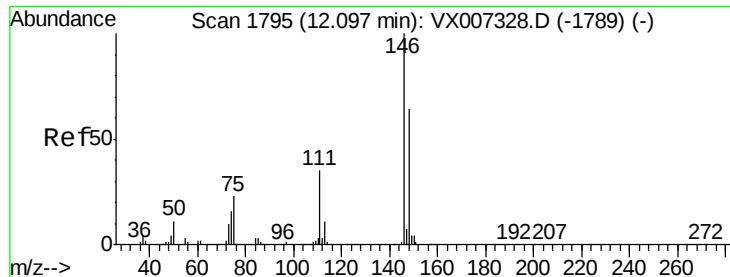
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	146	Resp:	536045
Ion Ratio	Lower	Upper	
146	100		
111	37.2	18.1	54.1
148	64.4	32.0	96.2





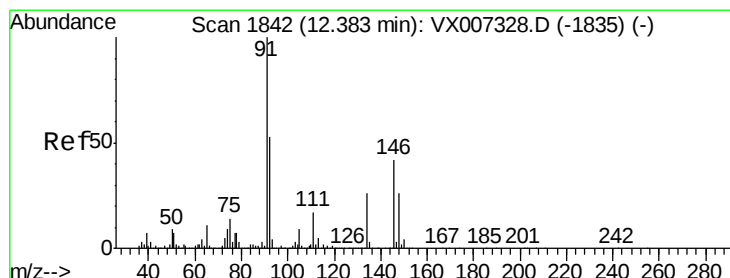
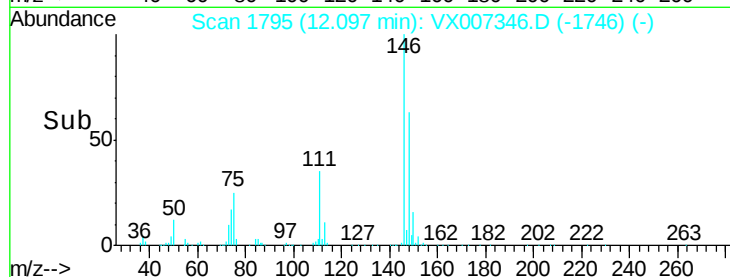
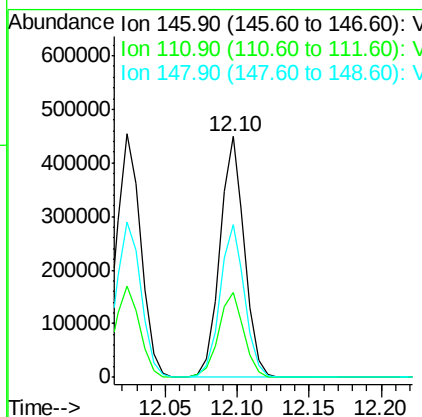
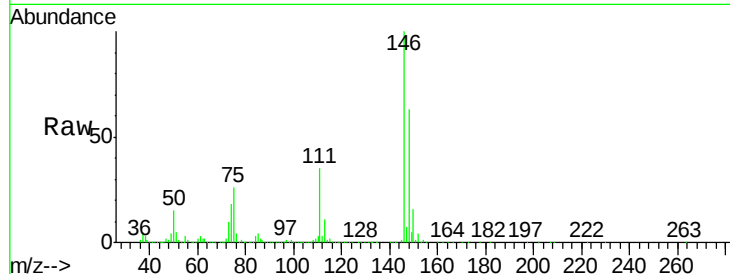
#88
 1,4-Dichlorobenzene
 Concen: 46.072 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	534210		
111	36.3	18.1	54.1	
148	63.8	32.3	96.9	

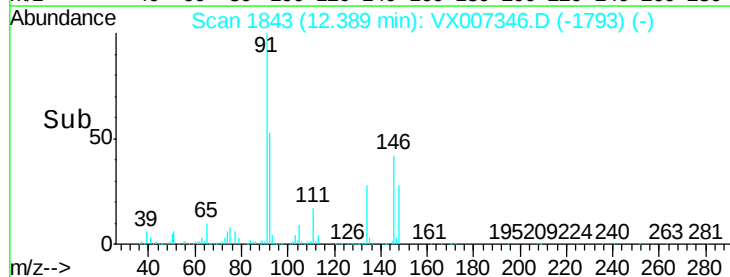
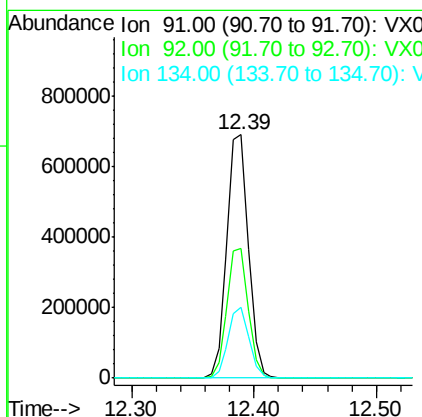
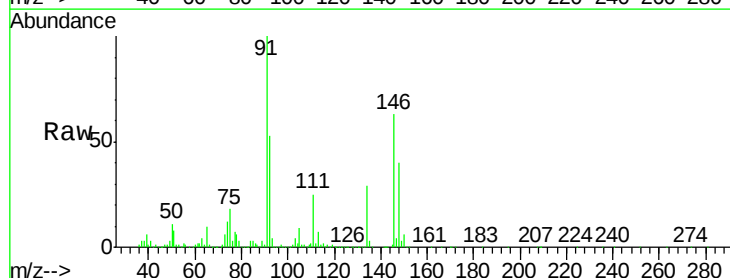
Manual Integrations
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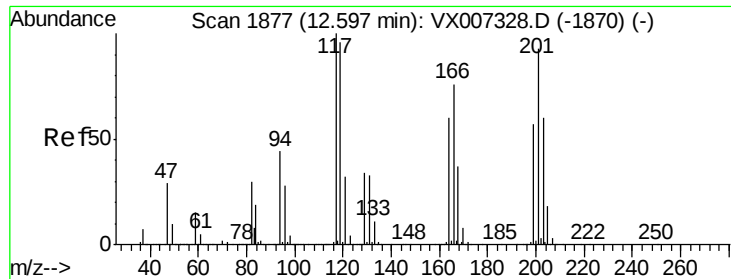
MMDadoda
 2/4/2019 9:36:42 AM



#89
 n-Butylbenzene
 Concen: 48.579 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	835856		
92	52.7	26.3	78.9	
134	28.3	13.9	41.6	





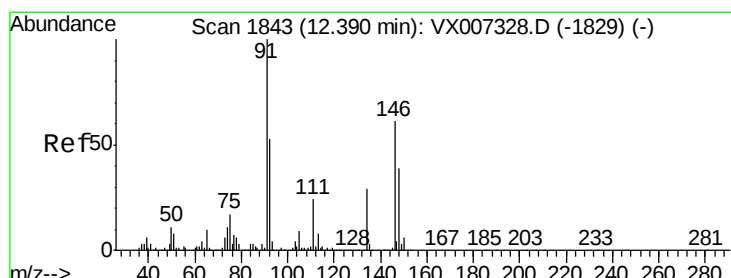
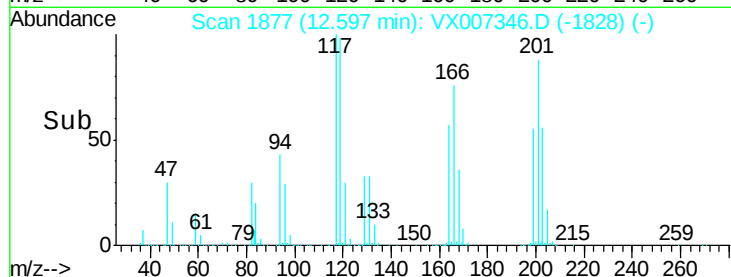
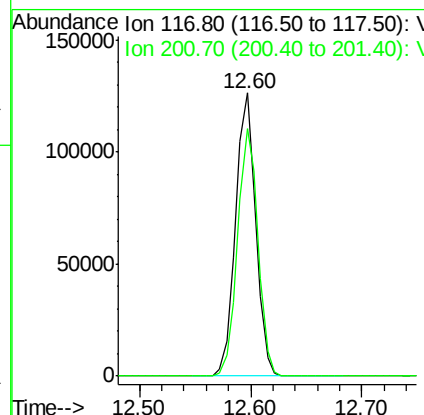
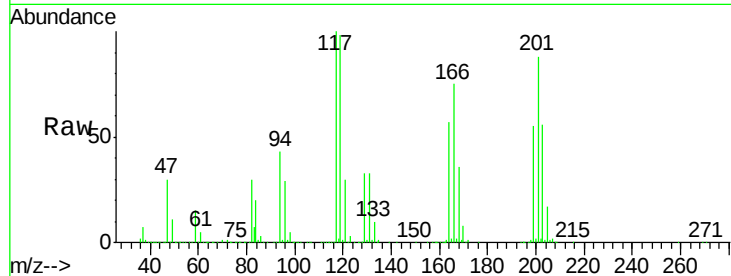
#90
Hexachloroethane
Concen: 52.797 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.5	44.9	134.7	

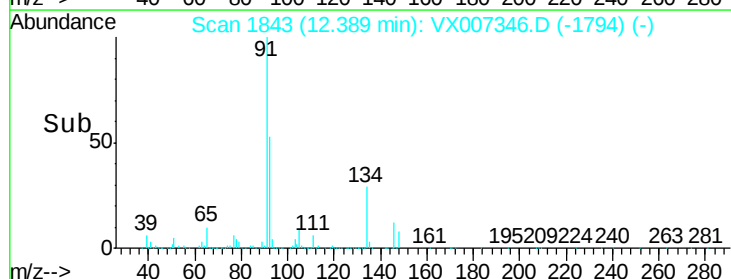
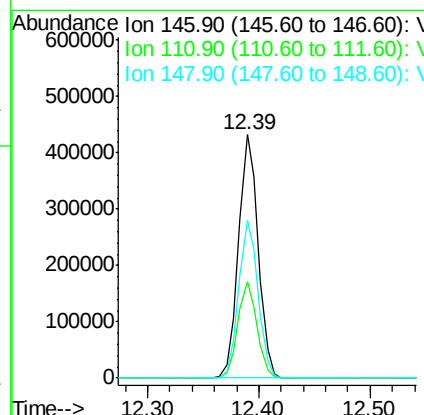
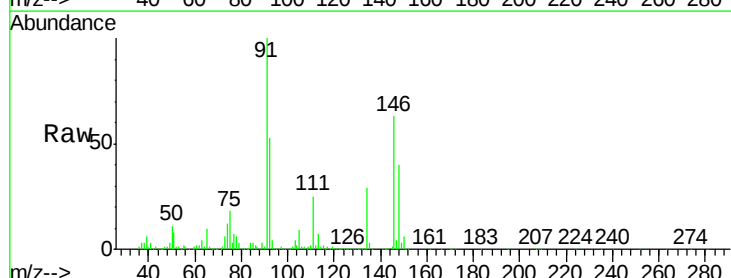
Manual Integrations
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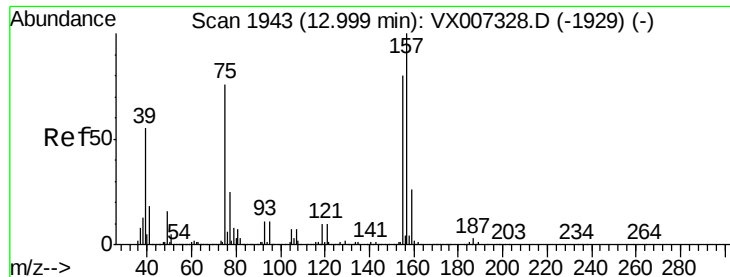
MMDadoda
2/4/2019 9:36:42 AM



#91
1,2-Dichlorobenzene
Concen: 46.314 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007346.D
Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.8	19.1	57.3	
148	64.0	32.1	96.3	





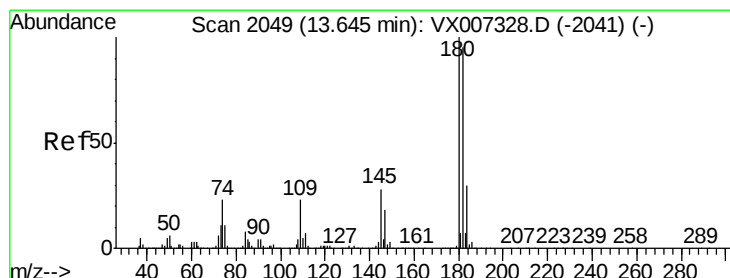
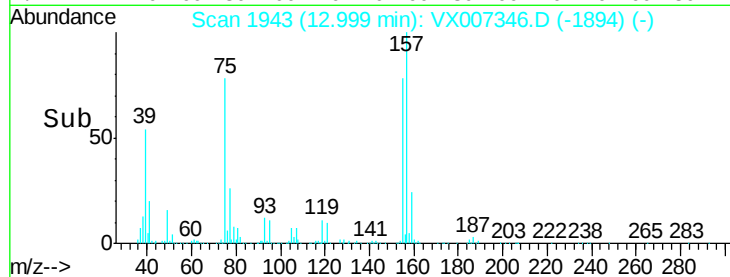
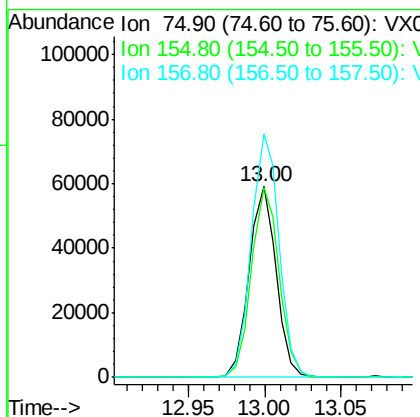
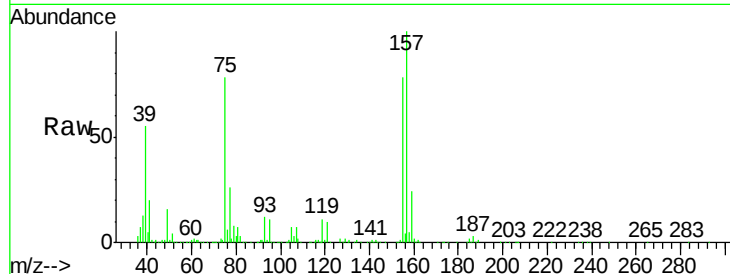
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.874 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	101.6	49.6	149.0
157	130.7	65.1	195.3

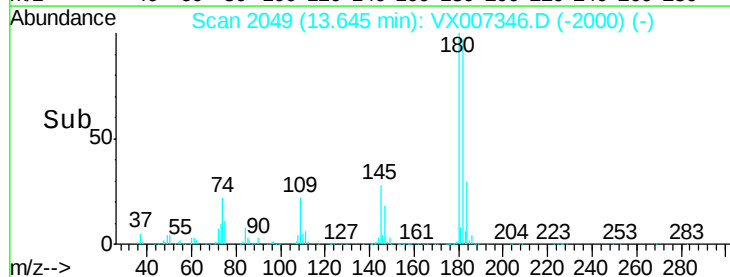
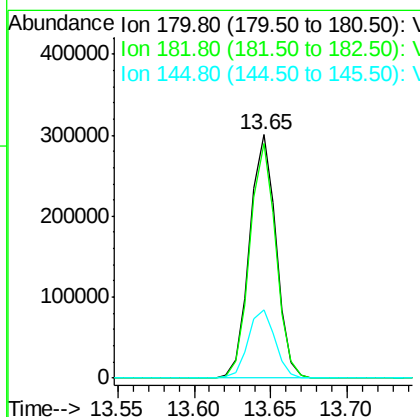
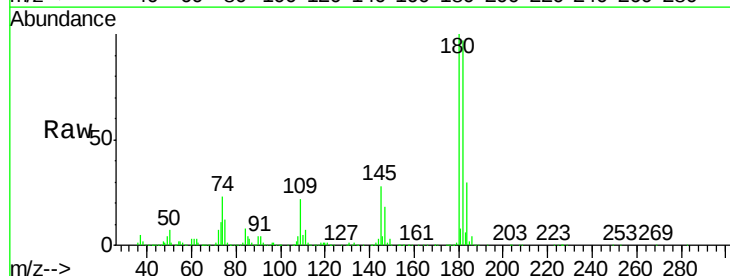
Manual Integrations
 APPROVED

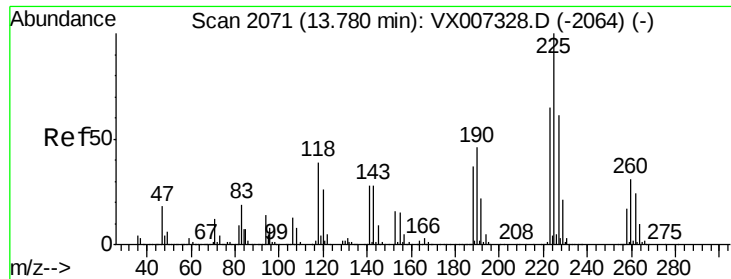
MMDadoda
 2/4/2019 9:36:42 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 46.939 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	28.7	14.1	42.2





#94

Hexachlorobutadiene

Concen: 45.488 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Instrument :

MSVOA_X

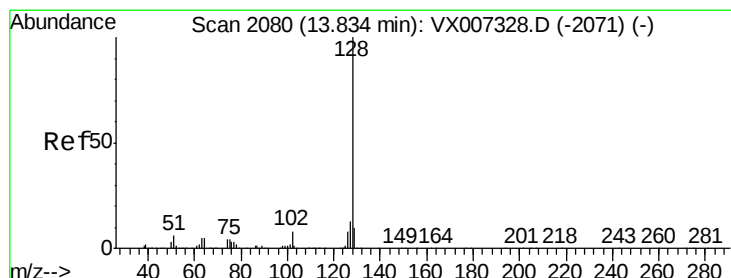
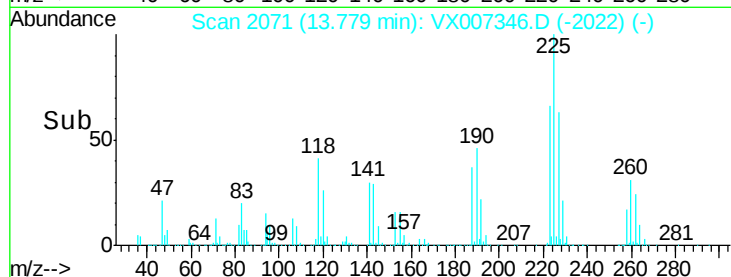
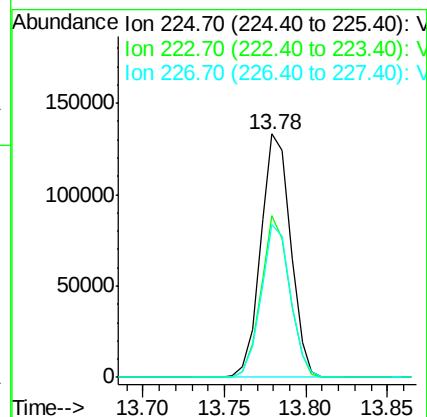
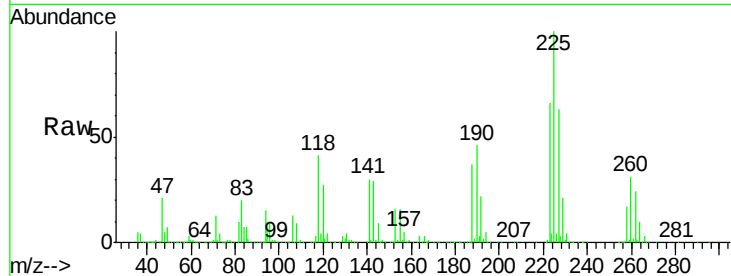
ClientSampleId :

BP-TT-MW202S-20190129MS

Tot Ion:	225	Resp:	169421
Ion Ratio		Lower	Upper
225	100		
223	63.2	31.6	94.8
227	61.7	32.1	96.3

Manual Integrations
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2/4/2019 9:36:42 AM



#95

Naphthalene

Concen: 50.142 ug/l

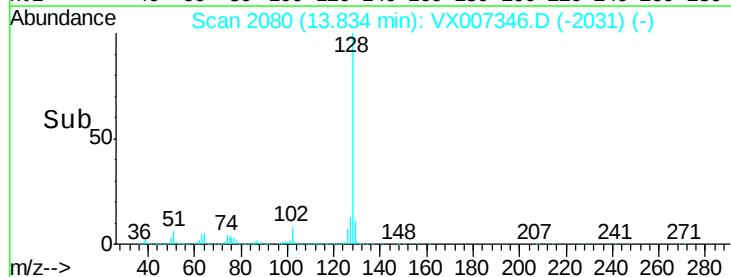
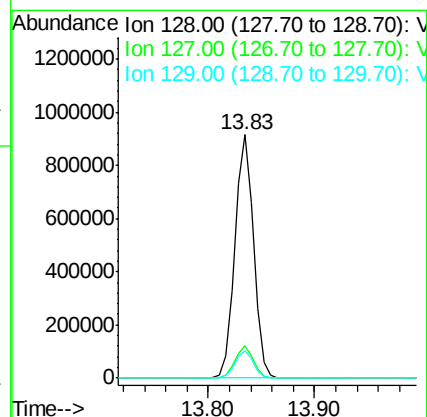
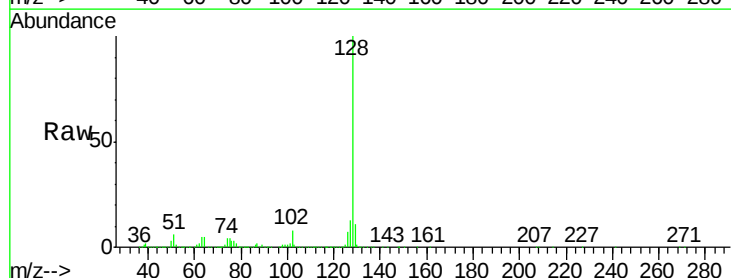
RT: 13.83 min Scan# 2080

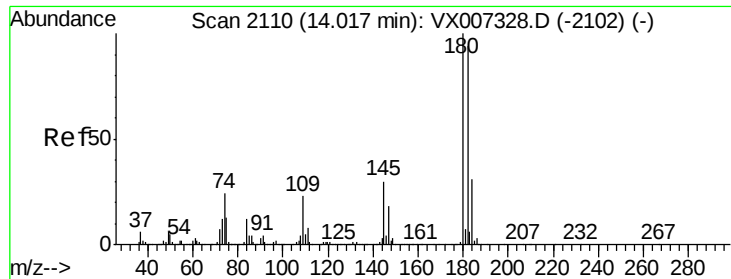
Delta R.T. -0.00 min

Lab File: VX007346.D

Acq: 01 Feb 2019 19:33

Tgt Ion:	128	Resp:	1124712
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.0	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 46.812 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007346.D
 Acq: 01 Feb 2019 19:33

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW202S-20190129MS

Tot Ion:	180	Resp:	361437
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.5	142.6
145	29.9	14.9	44.5

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:42 AM

