

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007347.D
 Acq On : 01 Feb 2019 19:59
 Operator : JC/SP
 Sample : K1296-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:47 AM

Quant Time: Feb 02 04:16:10 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	464267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	688329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	648593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	336627	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243536	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
35) Dibromofluoromethane	5.50	113	219948	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	826688	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.13	95	295636	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	295858	51.852	ug/l	98
3) Chloromethane	1.33	50	264994	50.675	ug/l	99
4) Vinyl Chloride	1.41	62	274964	53.598	ug/l	99
5) Bromomethane	1.64	94	271716	53.601	ug/l	98
6) Chloroethane	1.71	64	169763	51.154	ug/l	98
7) Trichlorofluoromethane	1.93	101	412899	51.450	ug/l	99
8) Diethyl Ether	2.19	74	150206	49.728	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	232941	48.797	ug/l	98
10) Methyl Iodide	2.51	142	359335	51.170	ug/l	99
11) Tert butyl alcohol	3.08	59	267572	262.373	ug/l	100
12) 1,1-Dichloroethene	2.37	96	221705	50.015	ug/l	99
13) Acrolein	2.30	56	160702	336.043	ug/l	99
14) Allyl chloride	2.73	41	374375	51.833	ug/l	99
15) Acrylonitrile	3.15	53	653959	259.218	ug/l	99
16) Acetone	2.45	43	561258	248.641	ug/l	100
17) Carbon Disulfide	2.57	76	589515	50.821	ug/l	100
18) Methyl Acetate	2.78	43	294617	50.092	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	724626	50.458	ug/l	98
20) Methylene Chloride	2.85	84	244096	52.964	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	231732	49.074	ug/l	98
22) Diisopropyl ether	3.87	45	664457	50.013	ug/l	97
23) Vinyl Acetate	3.82	43	2599285	235.767	ug/l	100
24) 1,1-Dichloroethane	3.70	63	371650	48.711	ug/l	100
25) 2-Butanone	4.70	43	819098	254.979	ug/l	98
26) 2,2-Dichloropropane	4.58	77	255040	43.894	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	248541	48.189	ug/l	98
28) Bromochloromethane	5.02	49	177672	50.639	ug/l	97
29) Tetrahydrofuran	5.15	42	538501	266.533	ug/l	100
30) Chloroform	5.21	83	396958	49.860	ug/l	99
31) Cyclohexane	5.57	56	333918	48.729	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	342292	50.934	ug/l	99
36) 1,1-Dichloropropene	5.80	75	291280	47.163	ug/l	100
37) Ethyl Acetate	4.85	43	288808	46.260	ug/l	98
38) Carbon Tetrachloride	5.79	117	303188	50.602	ug/l	97

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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)
39) Methylcyclohexane	7.46	83	359122	48.061	ug/l	97
40) Benzene	6.15	78	884380	48.612	ug/l	100
41) Methacrylonitrile	5.06	41	172777	51.637	ug/l	99
42) 1,2-Dichloroethane	6.20	62	301015	47.822	ug/l	99
43) Isopropyl Acetate	6.46	43	472045	48.986	ug/l	99
44) Trichloroethene	7.21	130	259326	47.329	ug/l	99
45) 1,2-Dichloropropane	7.52	63	221533	48.601	ug/l	98
46) Dibromomethane	7.66	93	160019	48.302	ug/l	99
47) Bromodichloromethane	7.90	83	287410	51.189	ug/l	99
48) Methyl methacrylate	7.77	41	254069	52.711	ug/l	99
49) 1,4-Dioxane	7.75	88	116121	1058.923	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1648217	259.821	ug/l	100
52) Toluene	8.79	92	578410	49.278	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	312661	51.843	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	334527	50.440	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	241999	49.461	ug/l	98
56) Ethyl methacrylate	9.18	69	350778	51.764	ug/l	98
57) 1,3-Dichloropropane	9.37	76	382692	49.184	ug/l	99
59) 2-Hexanone	9.49	43	1242094	251.618	ug/l	99
60) Dibromochloromethane	9.58	129	254361	54.969	ug/l	98
61) 1,2-Dibromoethane	9.67	107	260890	50.351	ug/l	100
64) Tetrachloroethene	9.33	164	267063	43.687	ug/l	98
65) Chlorobenzene	10.14	112	666154	47.066	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241408	50.873	ug/l	100
67) Ethyl Benzene	10.25	91	1103484	48.414	ug/l	97
68) m/p-Xylenes	10.36	106	871775	96.219	ug/l	99
69) o-Xylene	10.70	106	426211	48.887	ug/l	99
70) Styrene	10.71	104	690691	48.850	ug/l	100
71) Bromoform	10.86	173	193284	46.727	ug/l	99
73) Isopropylbenzene	11.02	105	1123976	49.134	ug/l	99
74) N-amyl acetate	10.90	43	409475	46.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	346138	49.650	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	326964m	49.935	ug/l	
77) Bromobenzene	11.26	156	310769	48.216	ug/l	99
78) n-propylbenzene	11.36	91	1265176	50.436	ug/l	100
79) 2-Chlorotoluene	11.42	91	739121	48.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	931619	49.779	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	97779	46.482	ug/l	96
82) 4-Chlorotoluene	11.51	91	858187	48.727	ug/l	99
83) tert-Butylbenzene	11.77	119	940126	50.738	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	946747	49.828	ug/l	100
85) sec-Butylbenzene	11.94	105	1120834	49.979	ug/l	100
86) p-Isopropyltoluene	12.07	119	1014090	50.094	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	541822	46.841	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	542075	46.191	ug/l	100
89) n-Butylbenzene	12.39	91	849059	48.756	ug/l	100
90) Hexachloroethane	12.60	117	163230	53.876	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	539532	46.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	73325	50.583	ug/l	97
93) 1,2,4-Trichlorobenzene	13.65	180	370003	47.661	ug/l	99

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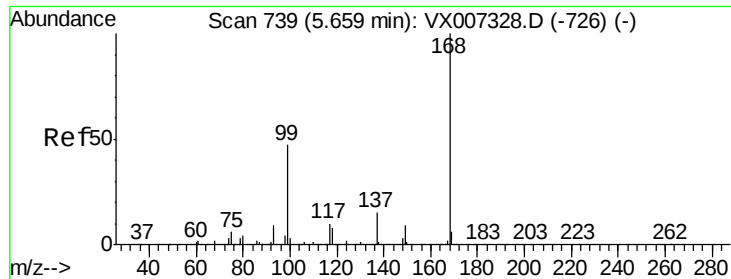
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	172219	45.686	ug/l	99
95) Naphthalene	13.83	128	1145434	50.455	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367550	47.035	ug/l	99

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



#1

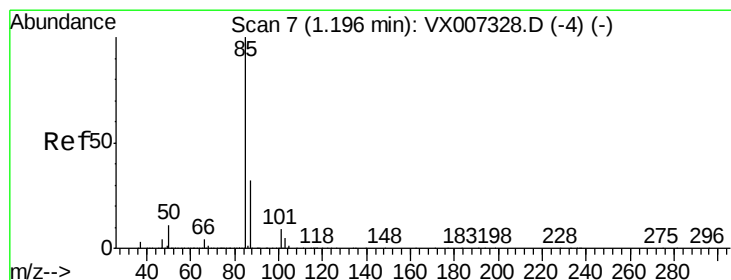
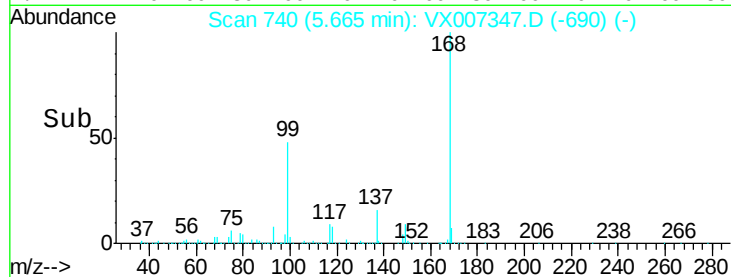
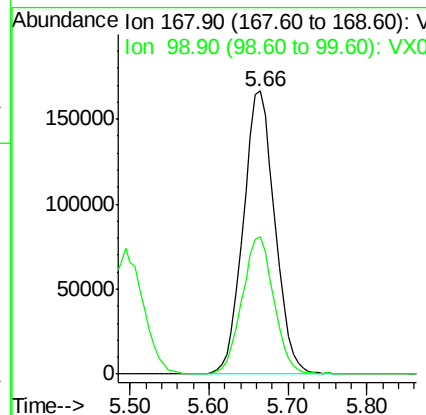
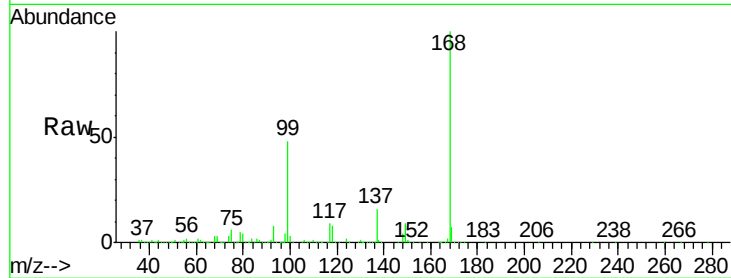
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.3	37.9	56.9

Manual Integrations
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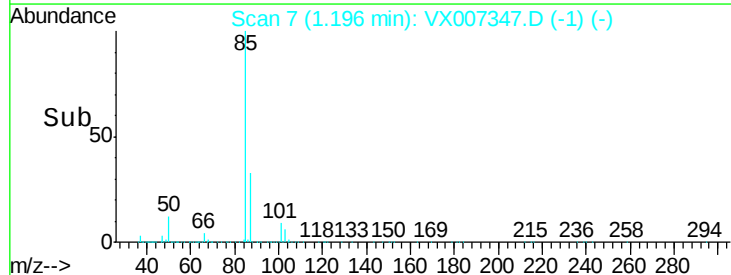
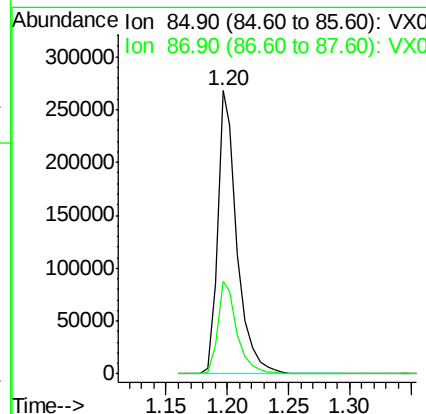
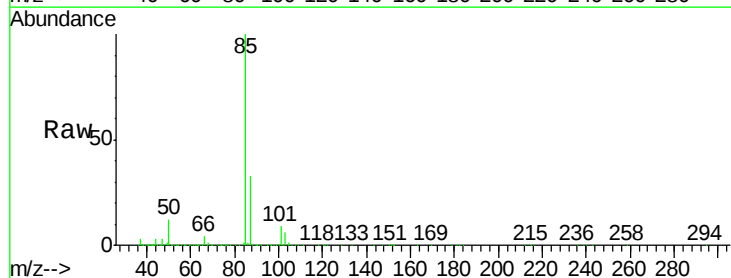
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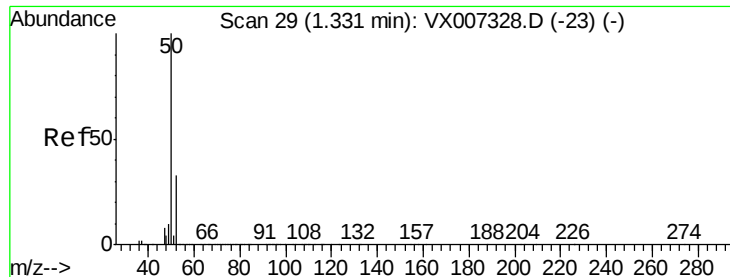


#2

Dichlorodifluoromethane
 Concen: 51.852 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	15.8	47.4





#3

Chloromethane

Concen: 50.675 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 50 Resp: 264994

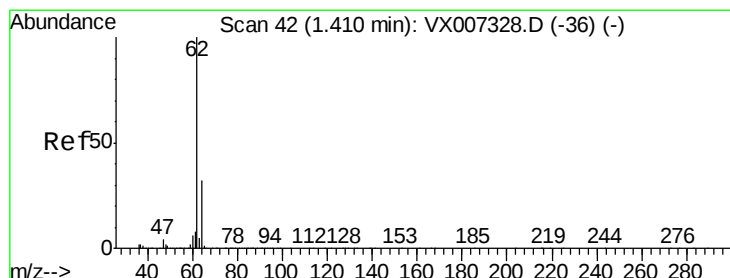
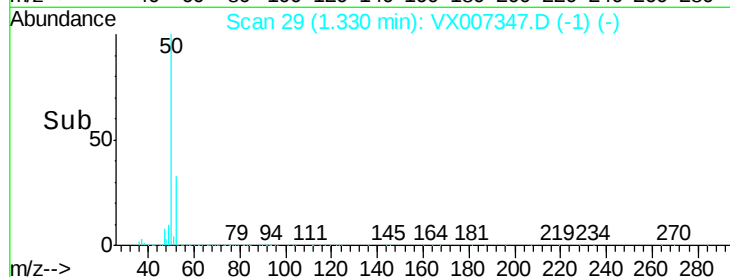
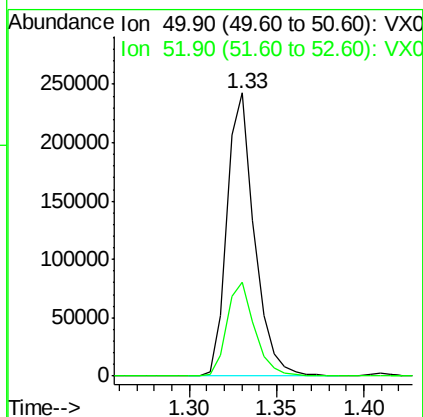
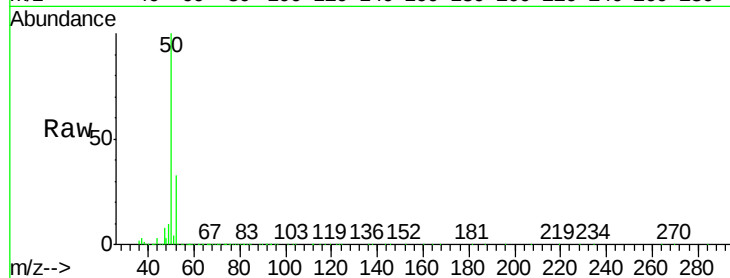
Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1

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#4

Vinyl Chloride

Concen: 53.598 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007347.D

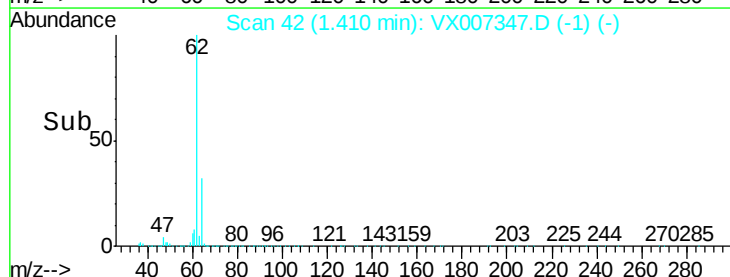
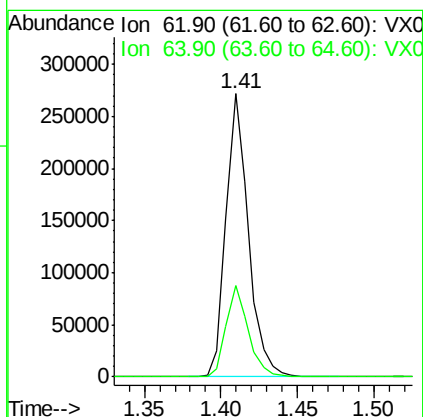
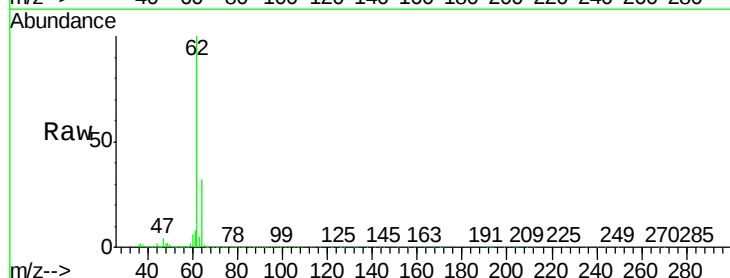
Acq: 01 Feb 2019 19:59

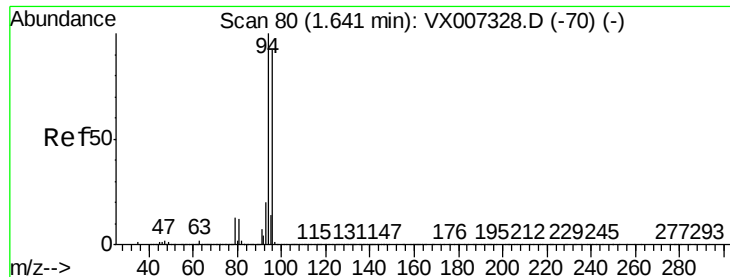
Tgt Ion: 62 Resp: 274964

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.0





#5

Bromomethane

Concen: 53.601 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 94 Resp: 271716

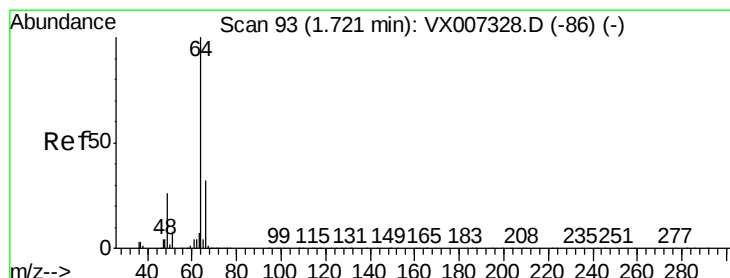
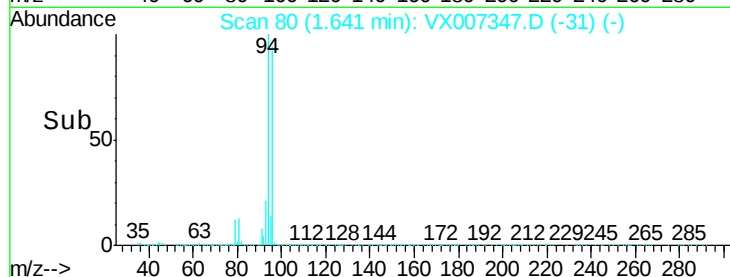
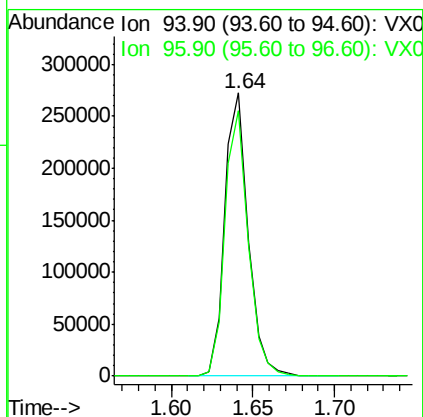
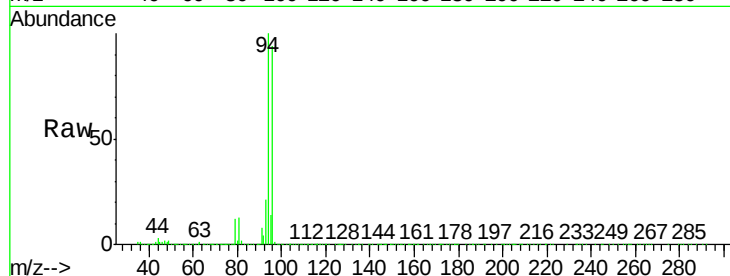
Ion Ratio Lower Upper

94 100

96 94.0 73.9 110.9

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#6

Chloroethane

Concen: 51.154 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007347.D

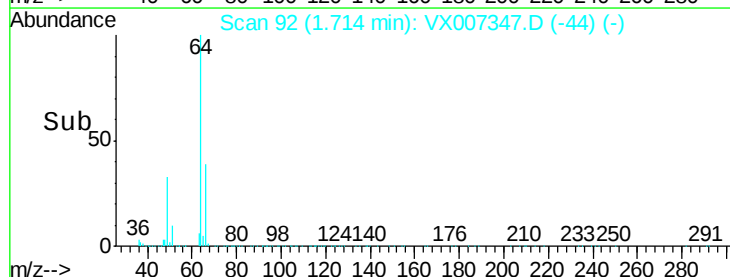
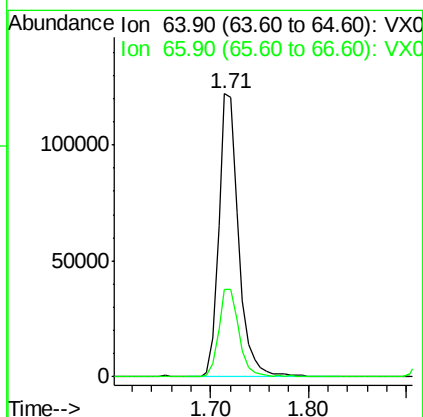
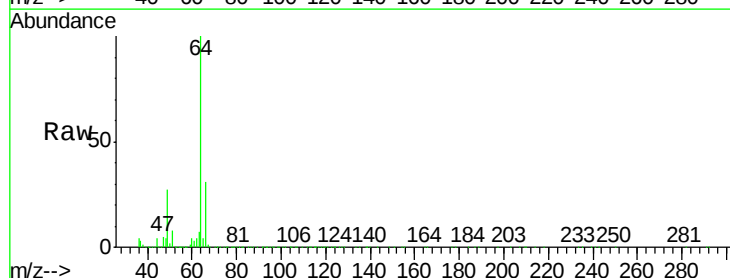
Acq: 01 Feb 2019 19:59

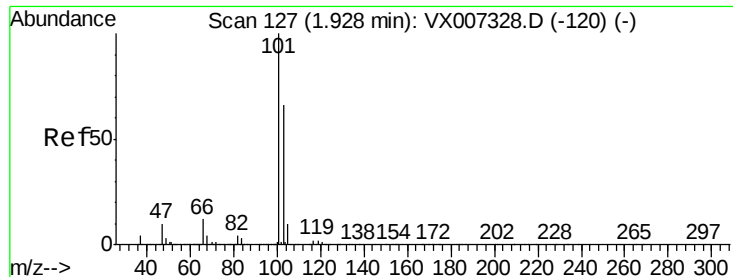
Tgt Ion: 64 Resp: 169763

Ion Ratio Lower Upper

64 100

66 30.8 25.5 38.3





#7

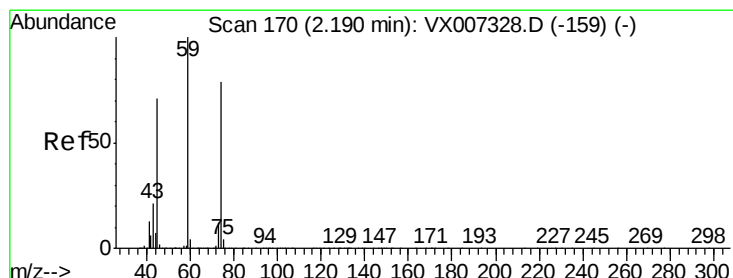
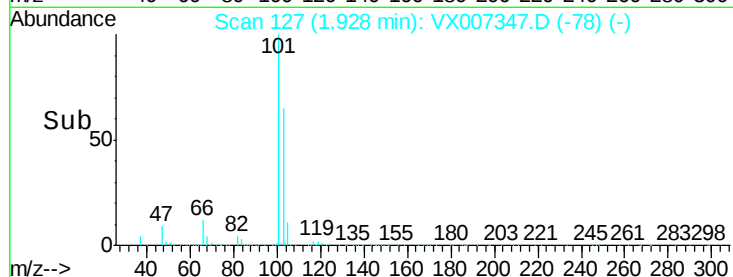
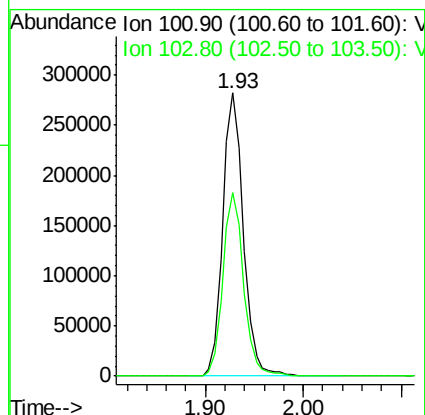
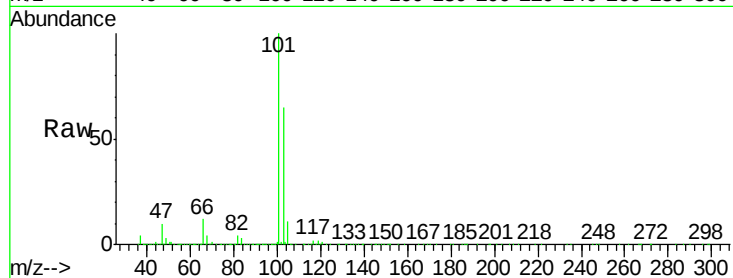
Trichlorofluoromethane
Concen: 51.450 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Instrument :
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BP-TT-MW202S-20190129MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0

Manual Integrations
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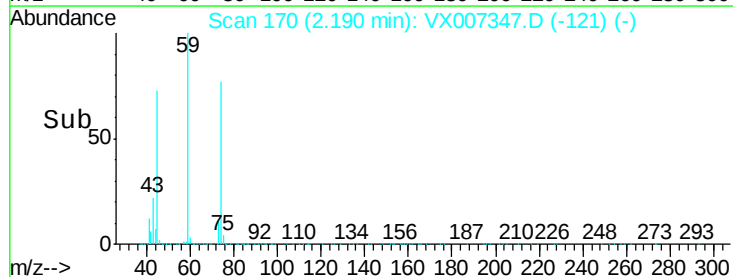
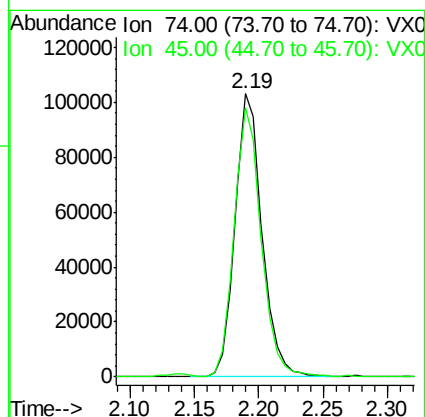
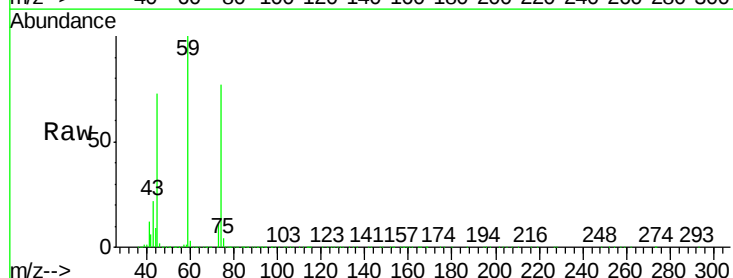
MMDadoda
2/4/2019 9:36:47 AM

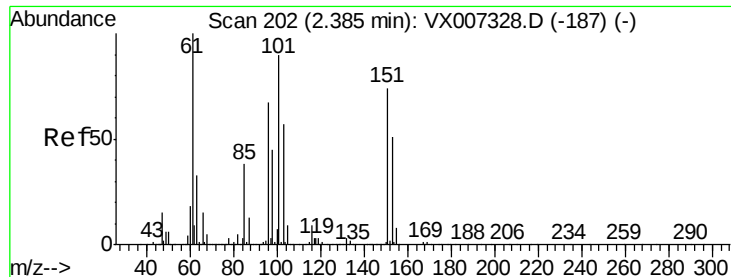


#8

Diethyl Ether
Concen: 49.728 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	45.7	137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.797 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

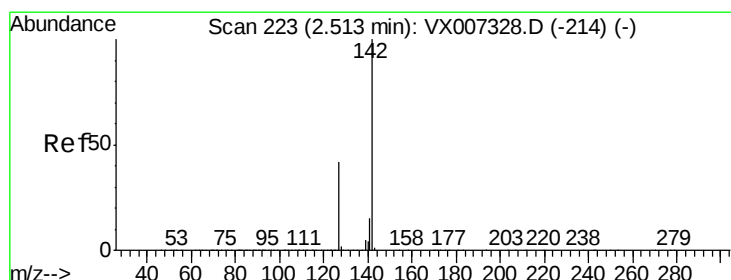
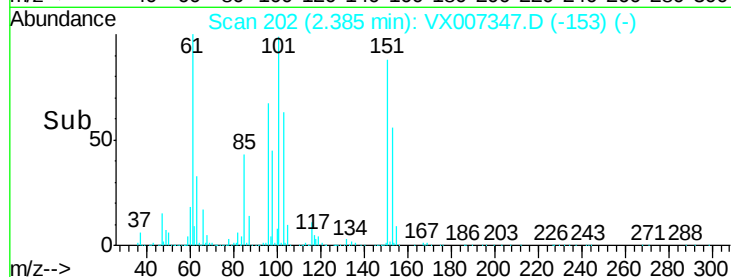
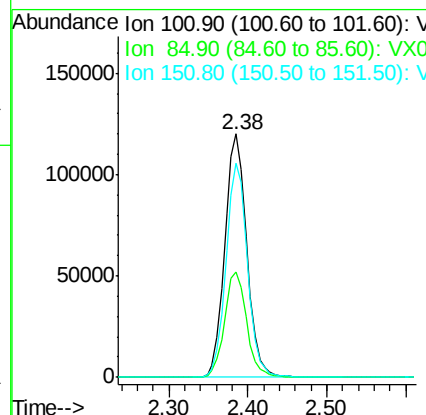
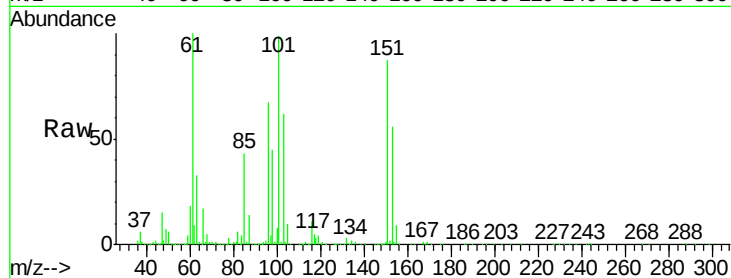
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	101	Resp:	232941
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.1	51.1
151	85.9	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 51.170 ug/l

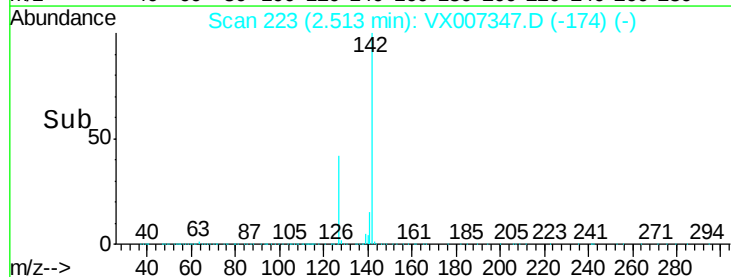
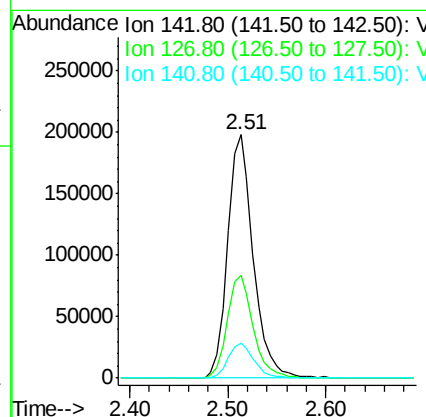
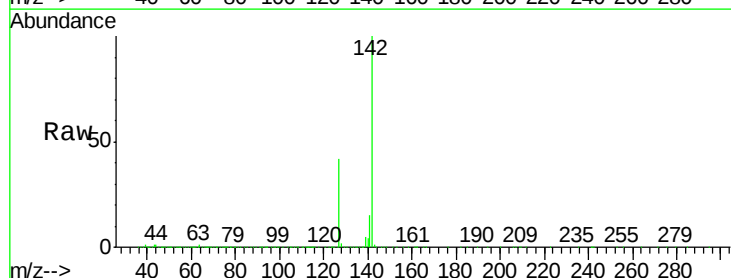
RT: 2.51 min Scan# 223

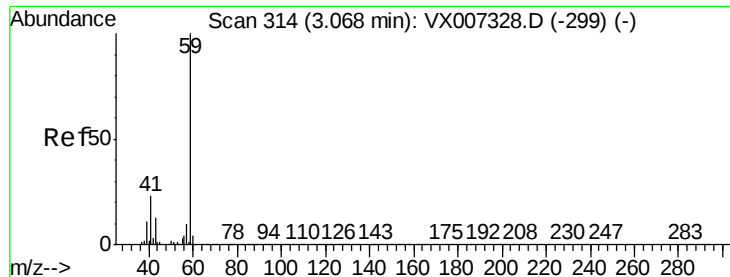
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	142	Resp:	359335
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.7	50.5
141	14.5	11.3	16.9





#11

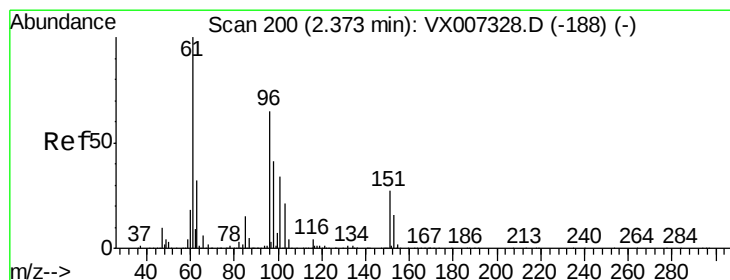
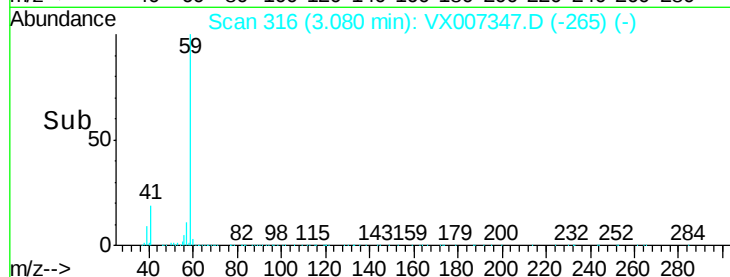
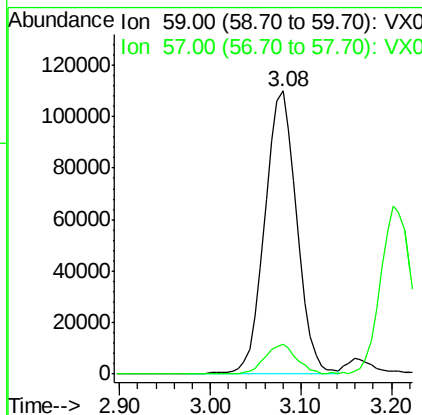
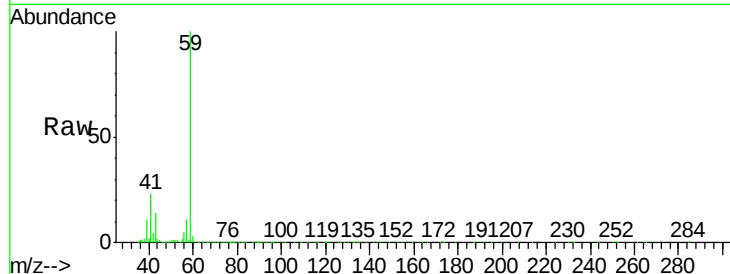
Tert butyl alcohol
Concen: 262.373 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

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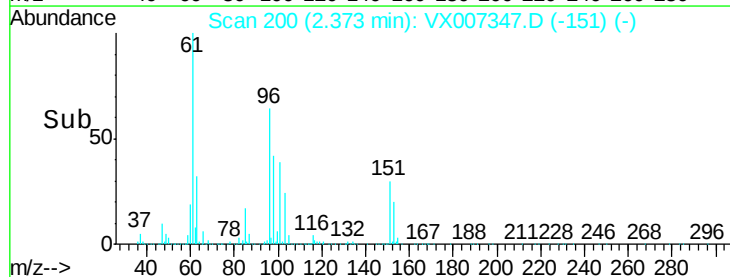
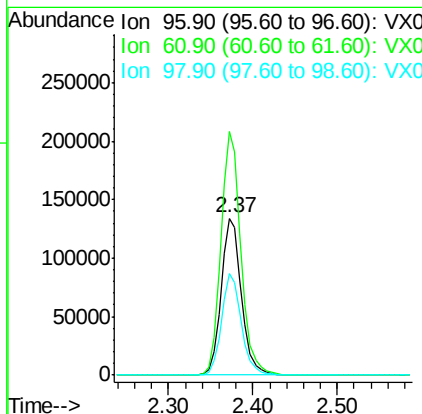
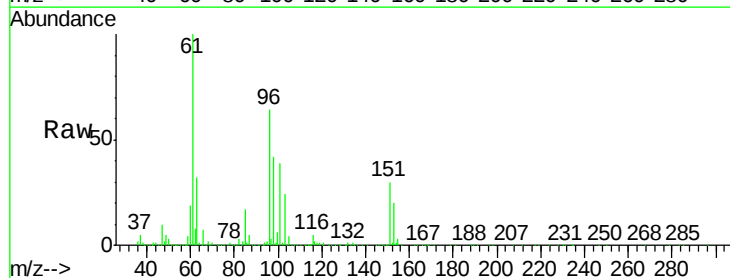
MMDadoda
2/4/2019 9:36:47 AM

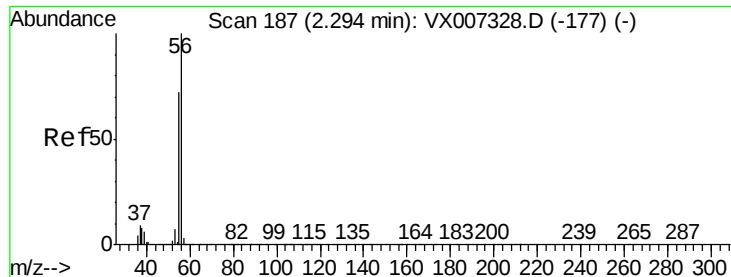


#12

1,1-Dichloroethene
Concen: 50.015 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.2	123.0	184.4
98	64.8	50.9	76.3





#13

Acrolein

Concen: 336.043 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 56 Resp: 160702

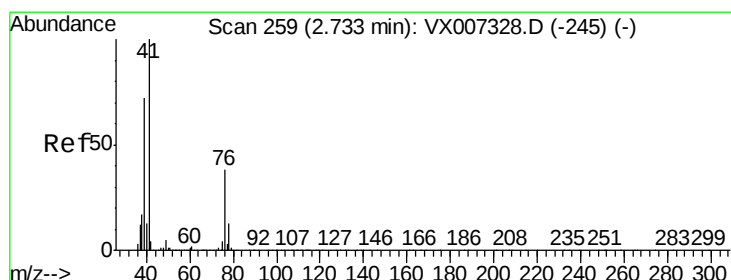
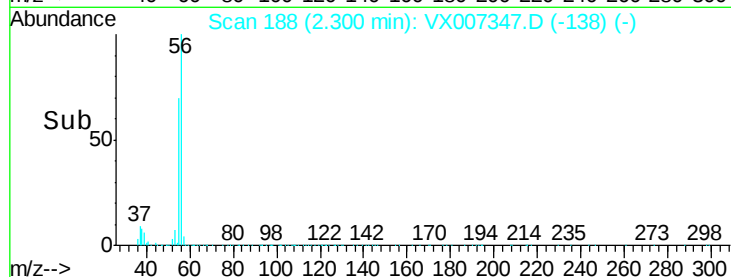
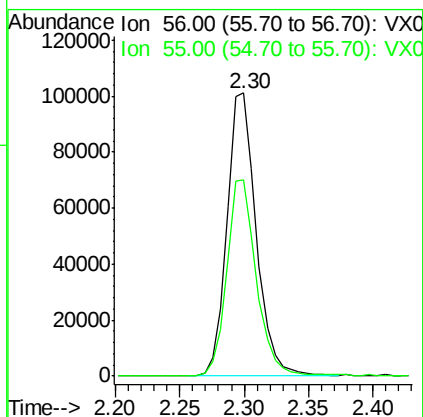
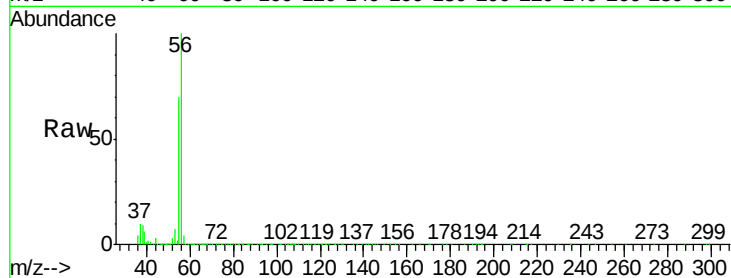
Ion Ratio Lower Upper

56 100

55 70.1 56.9 85.3

Manual Integrations
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2/4/2019 9:36:47 AM



#14

Allyl chloride

Concen: 51.833 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

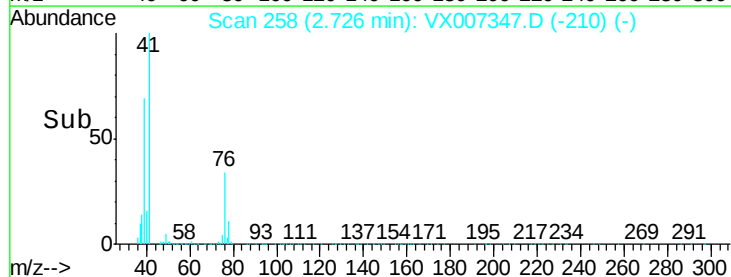
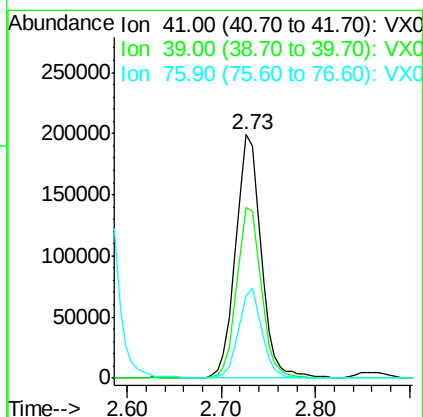
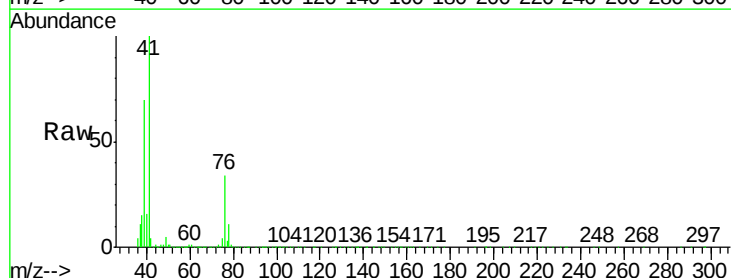
Tgt Ion: 41 Resp: 374375

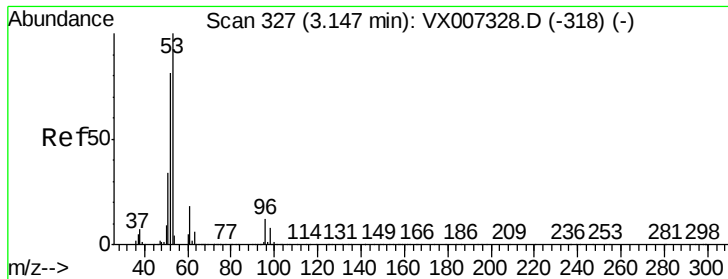
Ion Ratio Lower Upper

41 100

39 67.8 54.1 81.1

76 33.6 27.8 41.8





#15

Acrylonitrile

Concen: 259.218 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

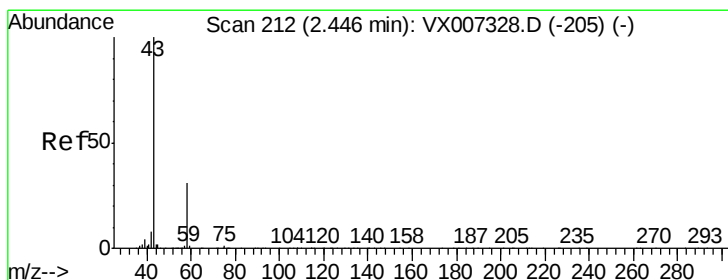
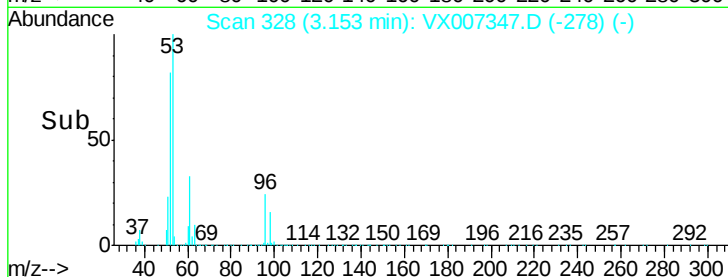
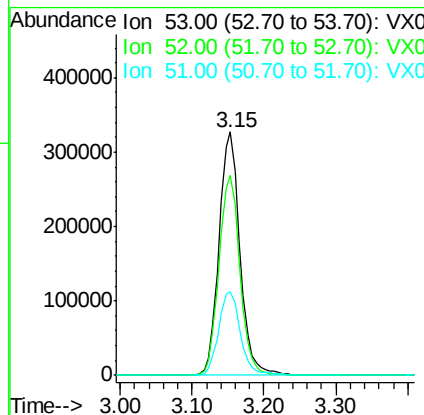
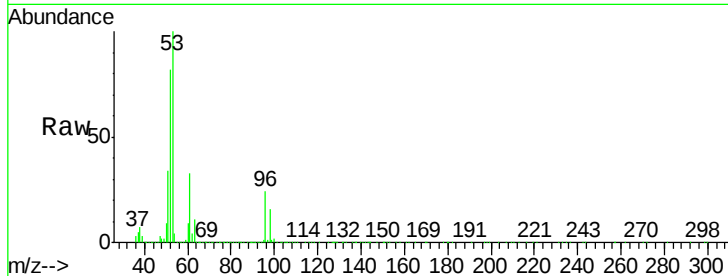
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	53	Resp:	653959
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.4	99.6
51	36.0	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 248.641 ug/l

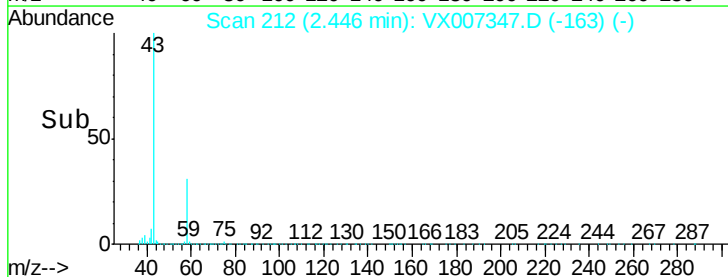
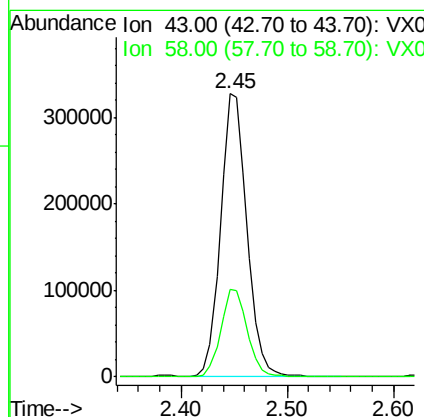
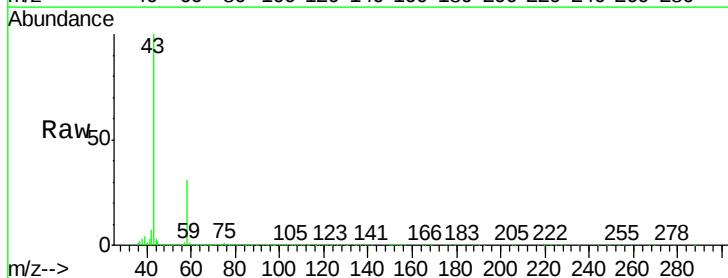
RT: 2.45 min Scan# 212

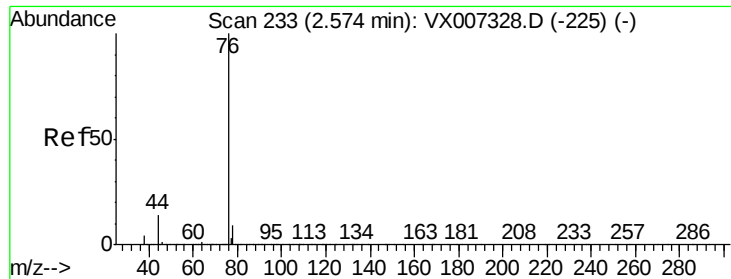
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	43	Resp:	561258
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.9	37.3





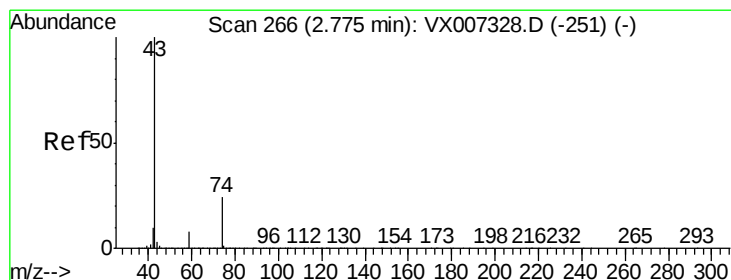
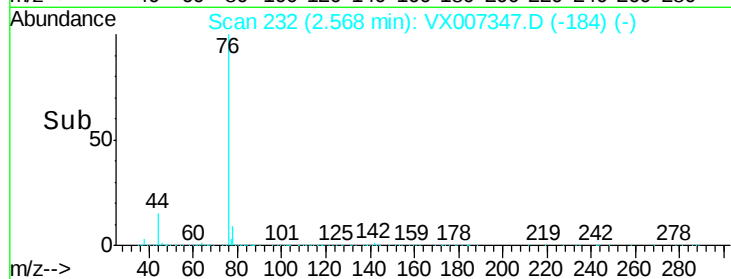
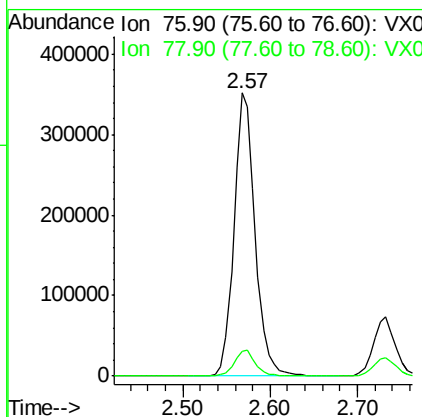
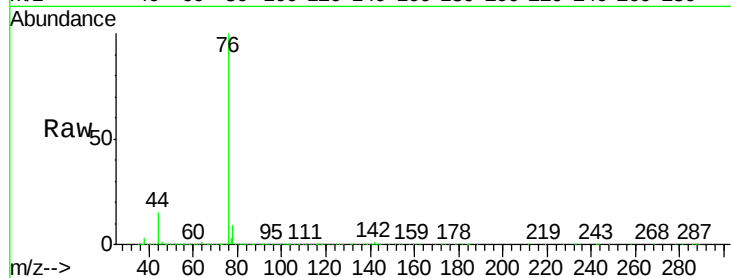
#17
Carbon Disulfide
Concen: 50.821 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

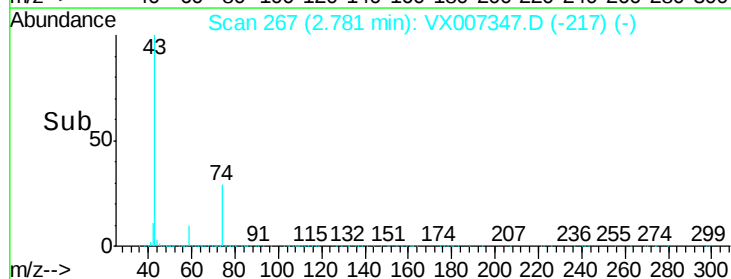
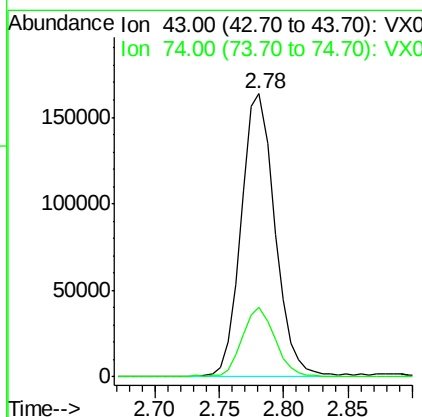
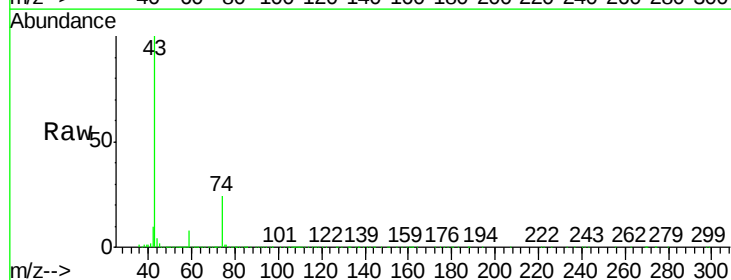
Manual Integrations
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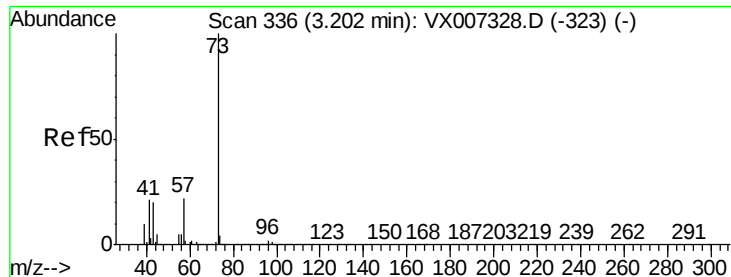
MMDadoda
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#18
Methyl Acetate
Concen: 50.092 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	19.4	29.2





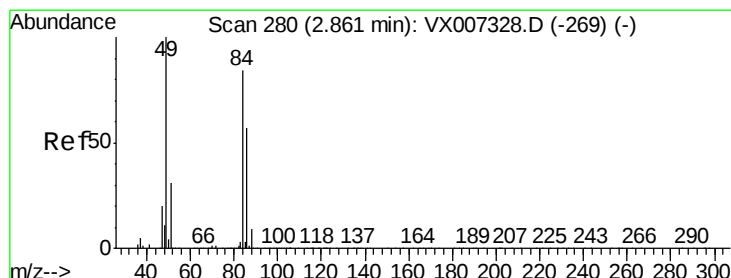
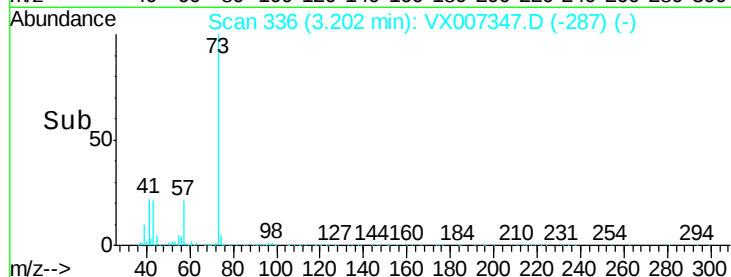
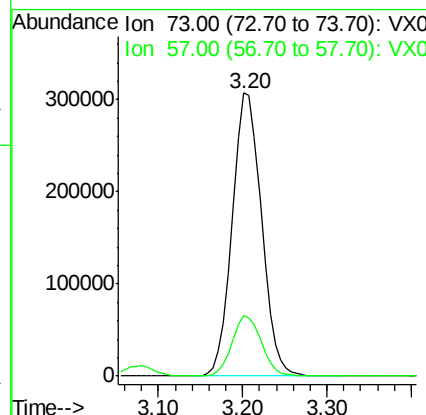
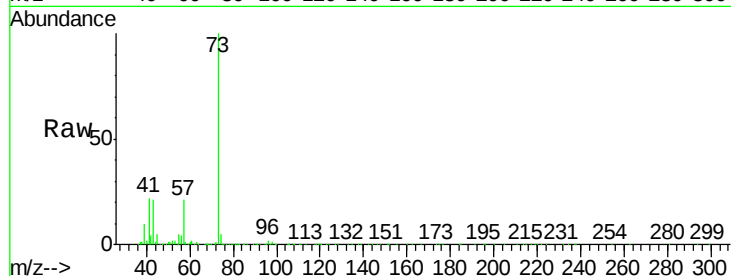
#19
Methvl tert-butvl Ether
Concen: 50.458 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.8

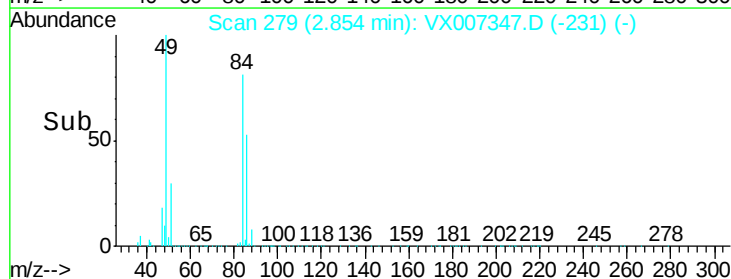
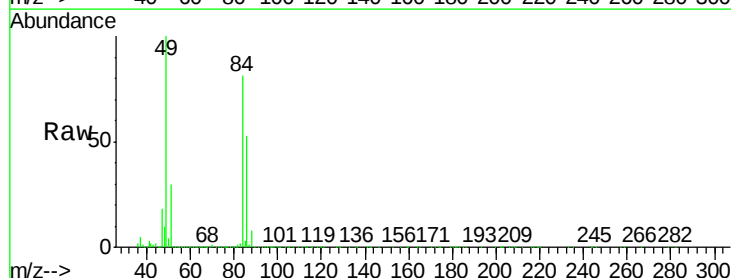
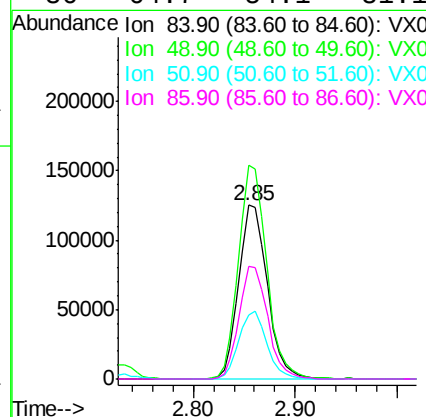
Manual Integrations
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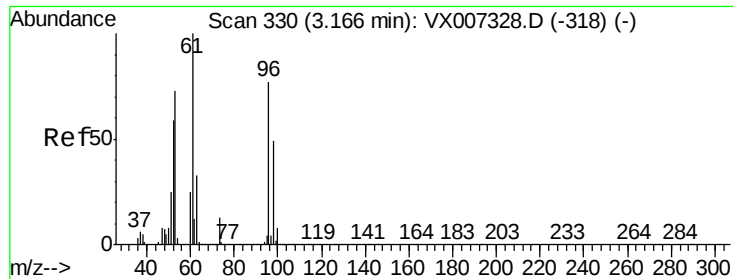
MMDadoda
2/4/2019 9:36:47 AM



#20
Methylene Chloride
Concen: 52.964 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	94.8	142.2
51	36.9	29.8	44.8
86	64.7	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 49.074 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

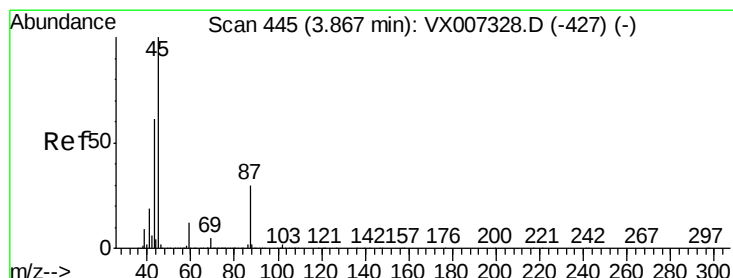
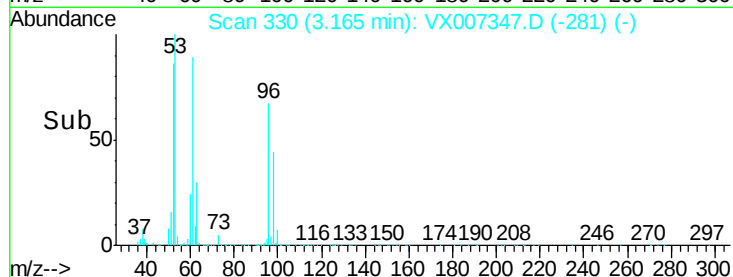
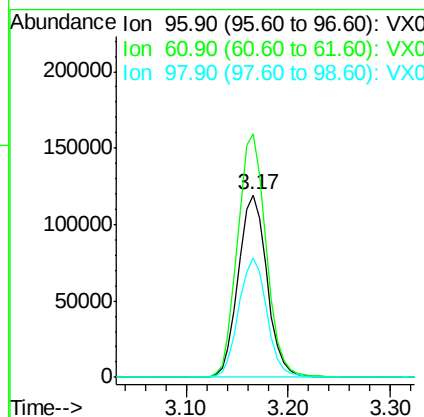
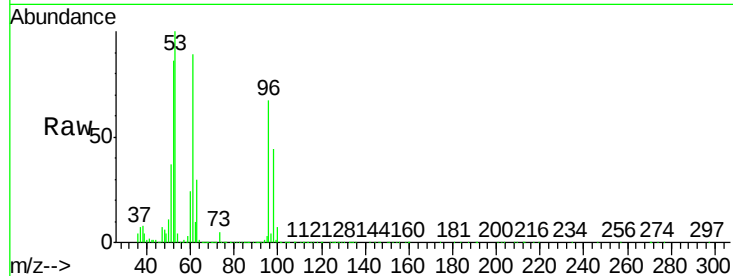
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	96	Resp:	231732
Ion Ratio	Lower	Upper	
96	100		
61	133.2	104.6	156.8
98	65.4	51.0	76.4

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#22

Diisopropyl ether

Concen: 50.013 ug/l

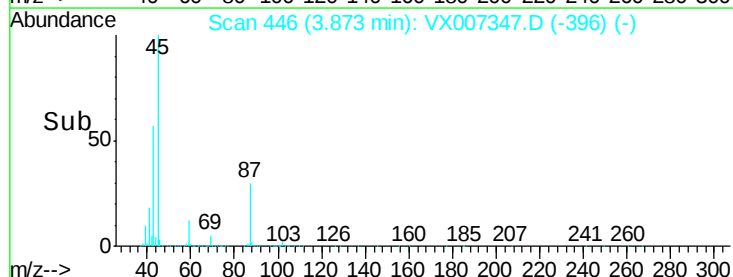
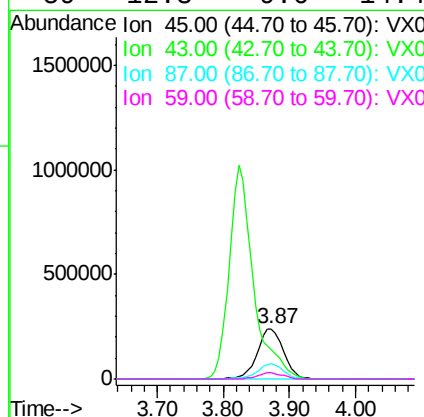
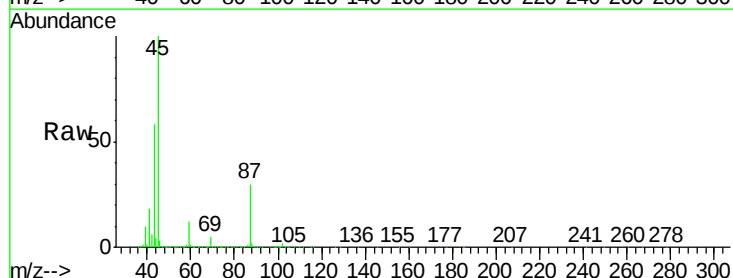
RT: 3.87 min Scan# 446

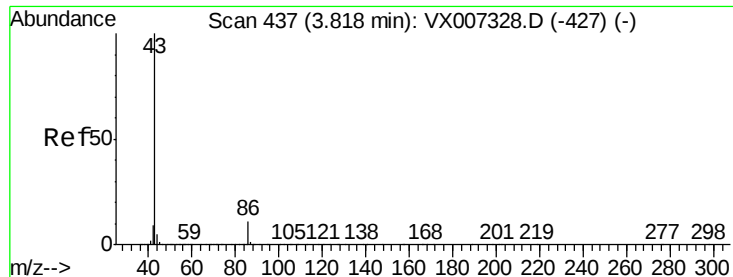
Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	45	Resp:	664457
Ion Ratio	Lower	Upper	
45	100		
43	57.5	48.9	73.3
87	30.0	23.9	35.9
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 235.767 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 2599285

Ion Ratio Lower Upper

43 100

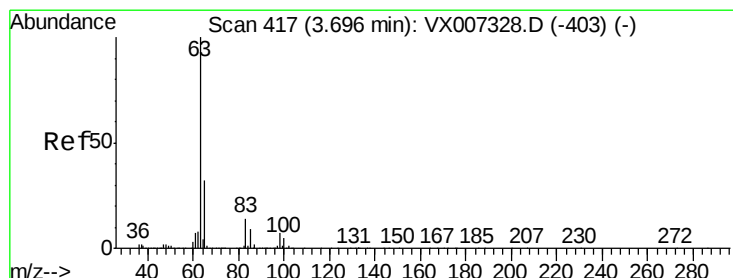
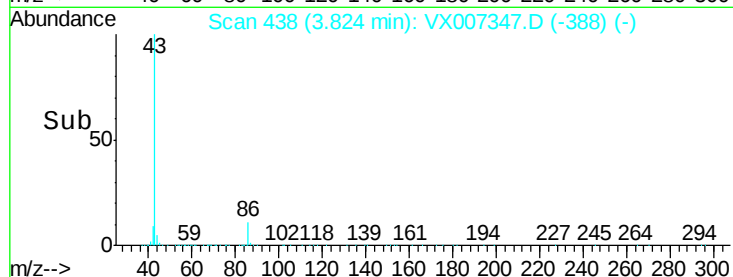
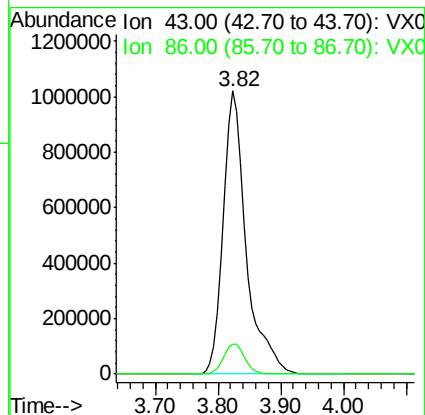
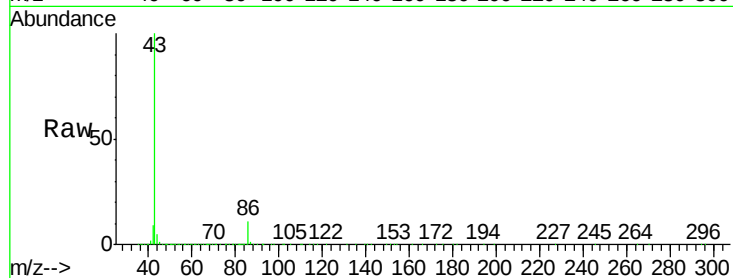
86 10.8 8.7 13.1

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#24

1,1-Dichloroethane

Concen: 48.711 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

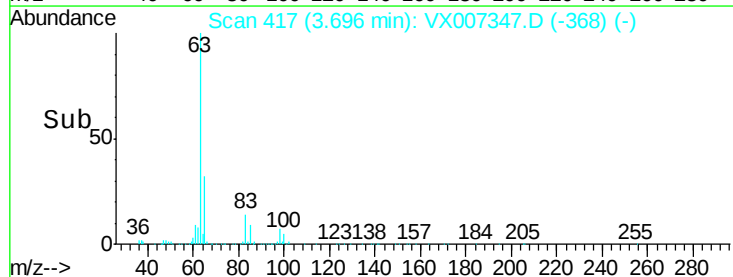
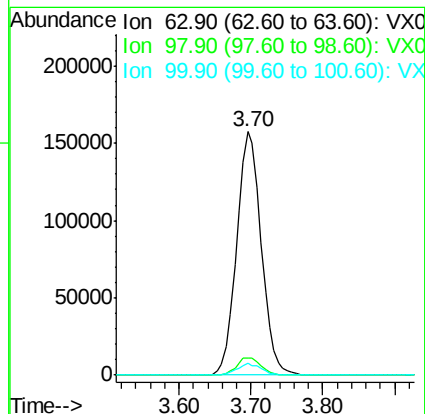
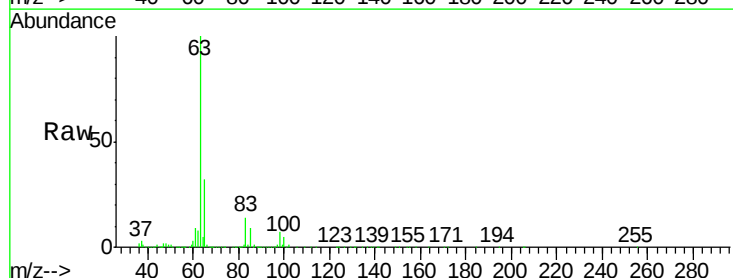
Tgt Ion: 63 Resp: 371650

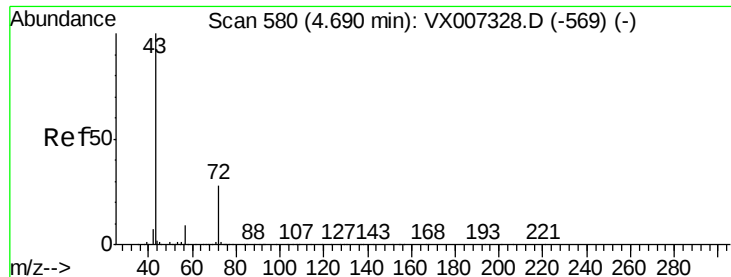
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.6 2.5 7.4





#25

2-Butanone

Concen: 254.979 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tot Ion: 43 Resp: 819098

Ion Ratio Lower Upper

43 100

72 26.8 22.2 33.2

Instrument :

MSVOA_X

ClientSampleId :

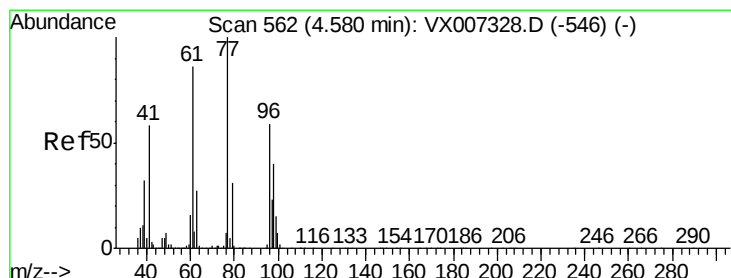
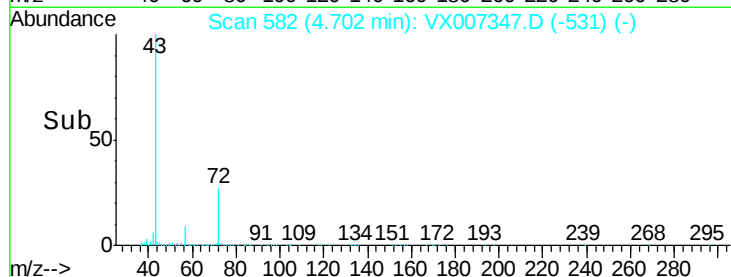
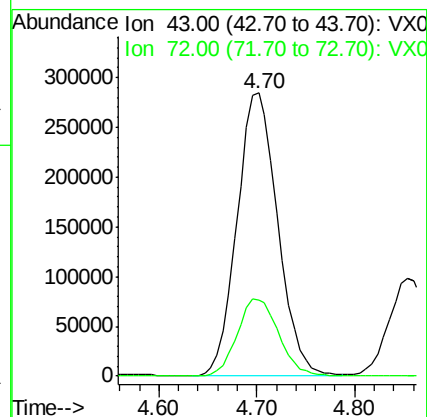
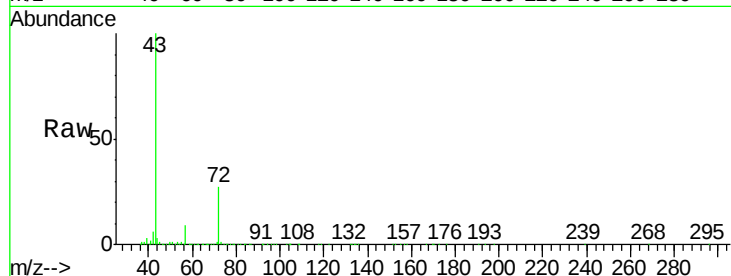
BP-TT-MW202S-20190129MSD

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.894 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX007347.D

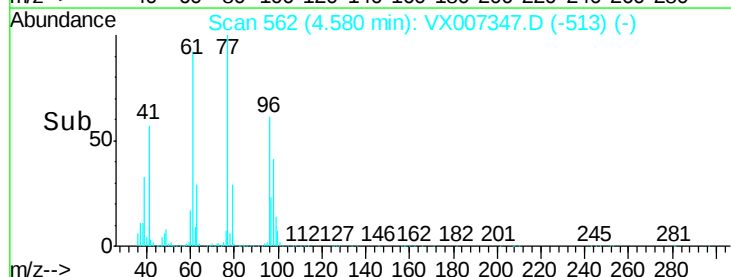
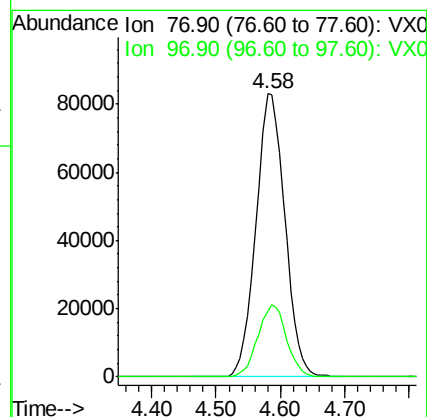
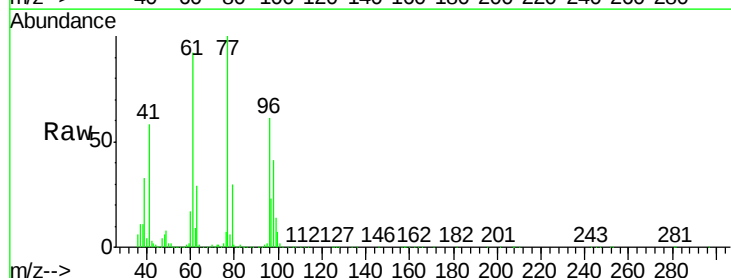
Acq: 01 Feb 2019 19:59

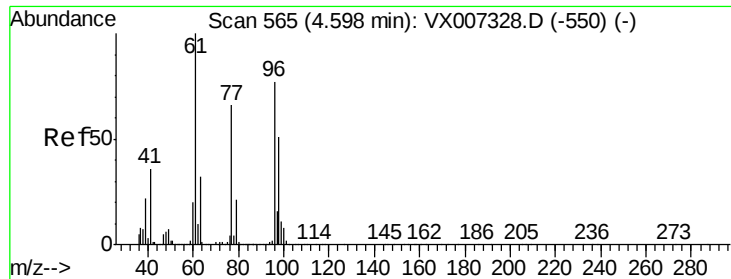
Tgt Ion: 77 Resp: 255040

Ion Ratio Lower Upper

77 100

97 25.5 12.1 36.3





#27

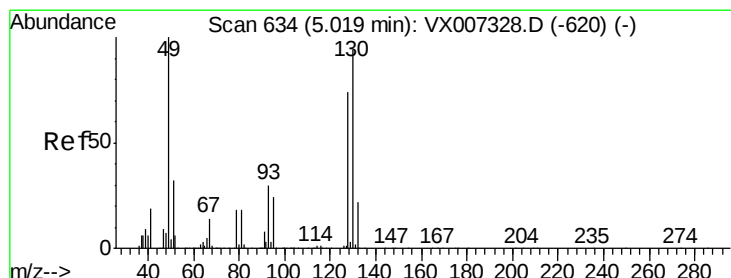
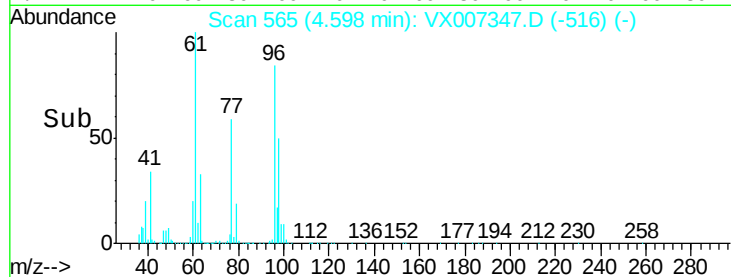
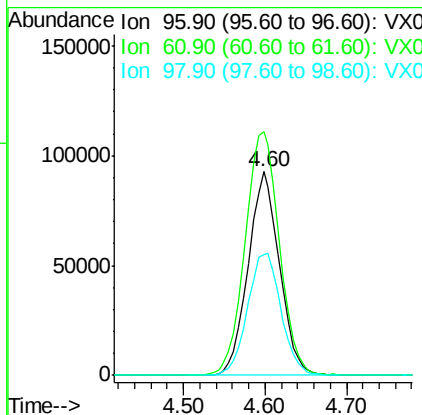
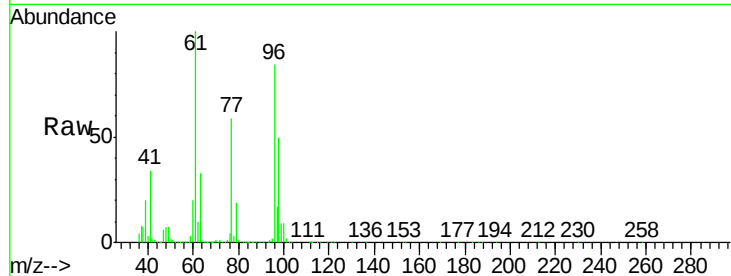
cis-1,2-Dichloroethene
 Concen: 48.189 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	265.6
98	64.1	0.0	131.6

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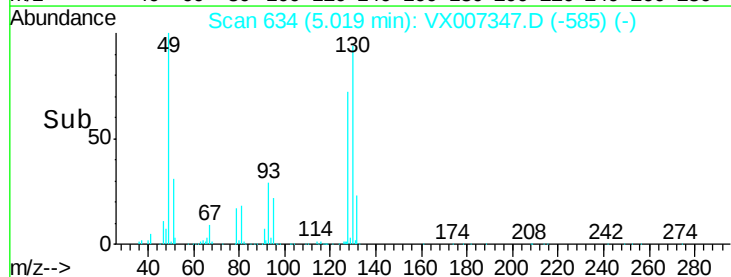
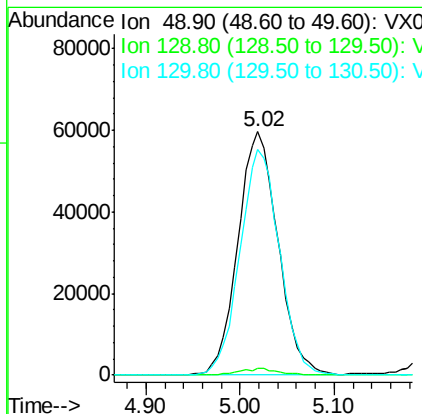
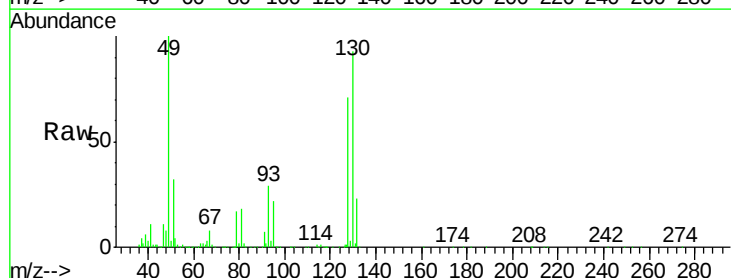
MMDadoda
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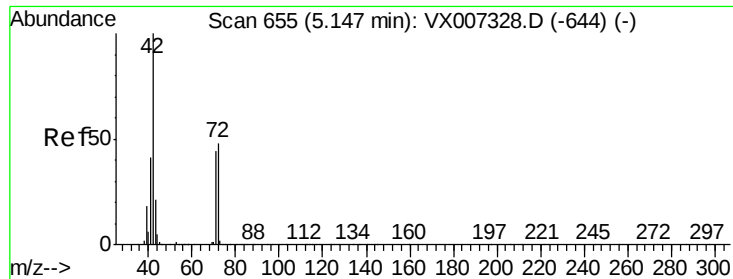


#28

Bromochloromethane
 Concen: 50.639 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	91.6	75.6	113.4





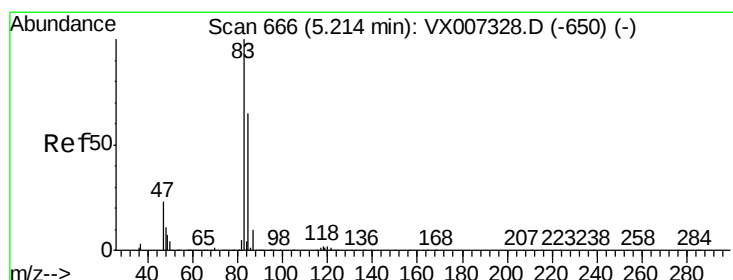
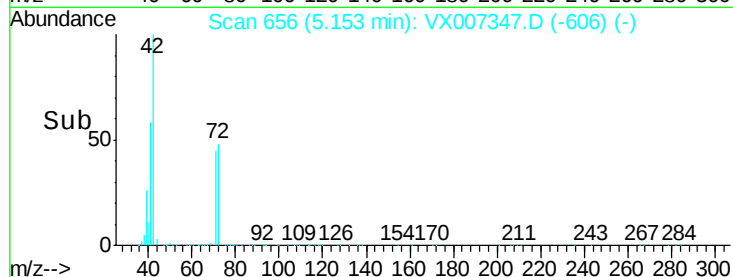
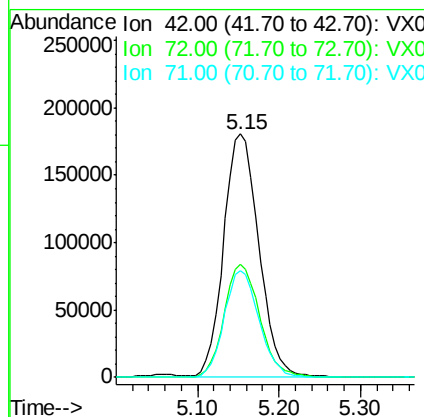
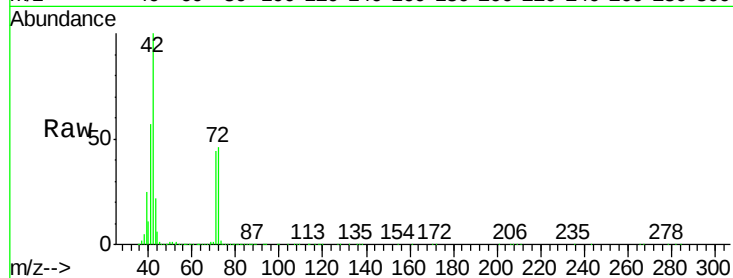
#29
Tetrahydrofuran
Concen: 266.533 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion:	42	Resp:	538501
Ion Ratio		Lower	Upper
42	100		
72	47.1	37.6	56.4
71	43.7	34.6	51.8

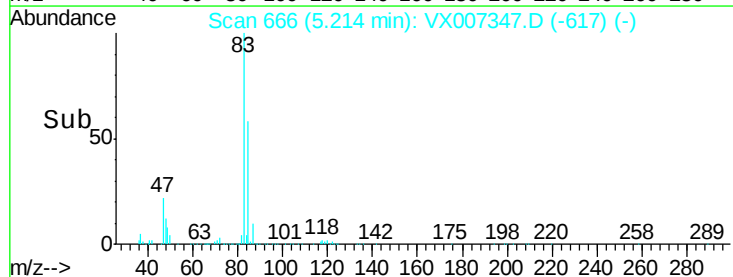
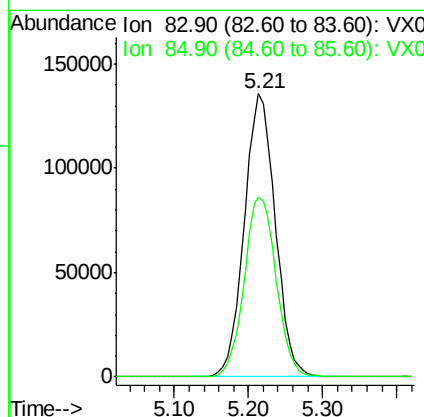
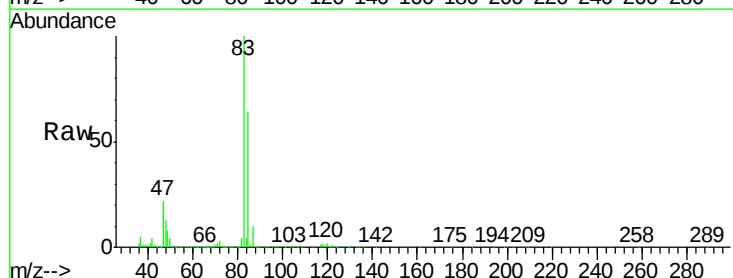
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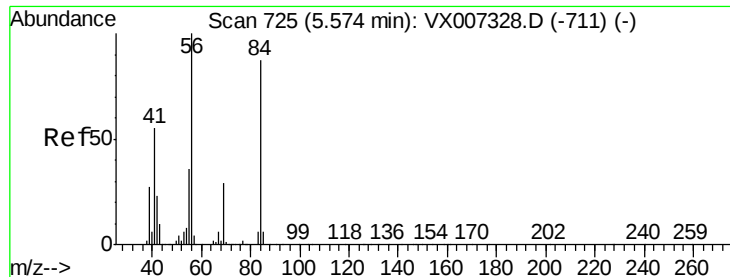
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2/4/2019 9:36:47 AM



#30
Chloroform
Concen: 49.860 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion:	83	Resp:	396958
Ion Ratio		Lower	Upper
83	100		
85	63.5	51.6	77.4





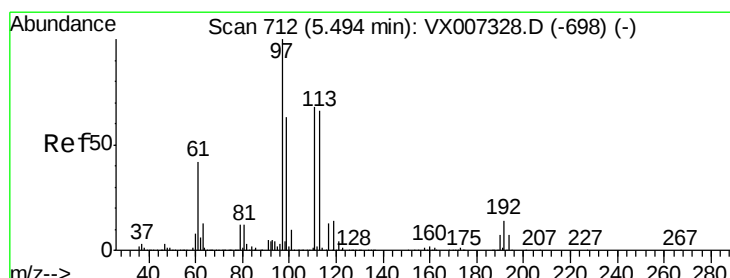
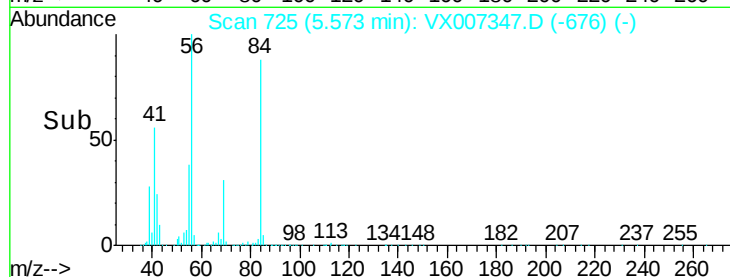
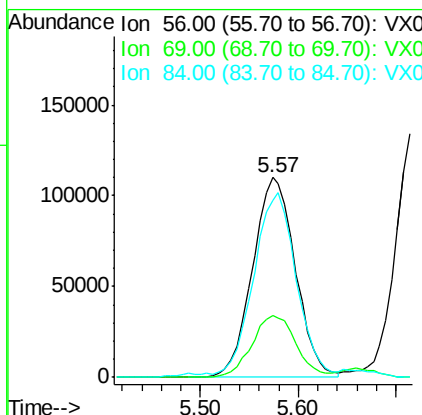
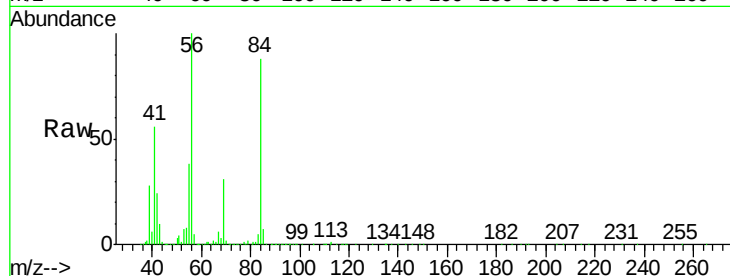
#31
Cyclohexane
Concen: 48.729 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.0	34.6
84	86.7	69.8	104.6

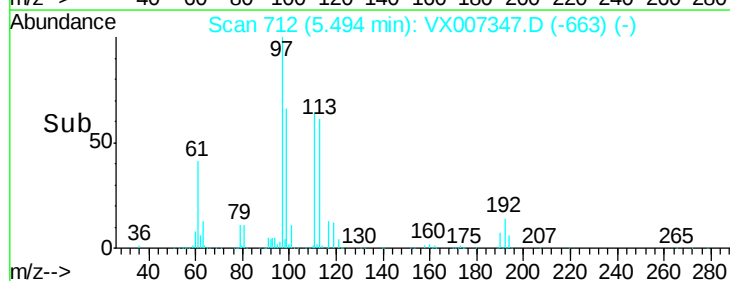
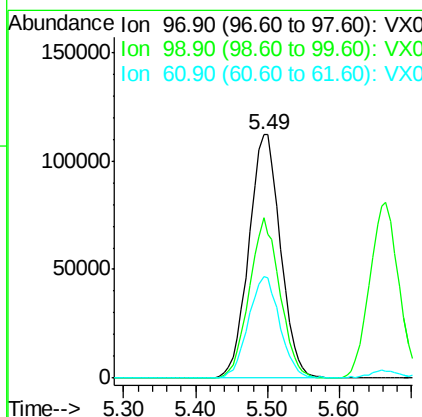
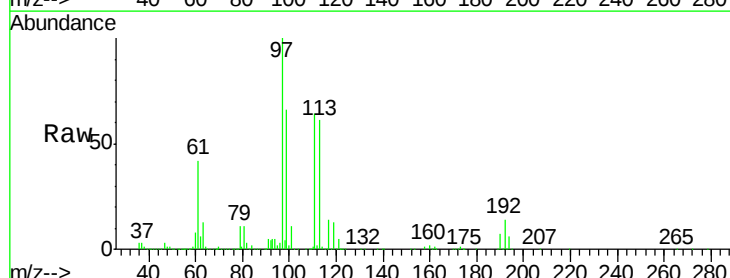
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#32
1,1,1-Trichloroethane
Concen: 50.934 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.2	78.2
61	41.2	32.7	49.1





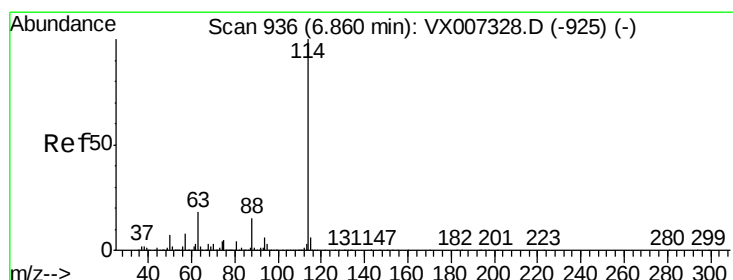
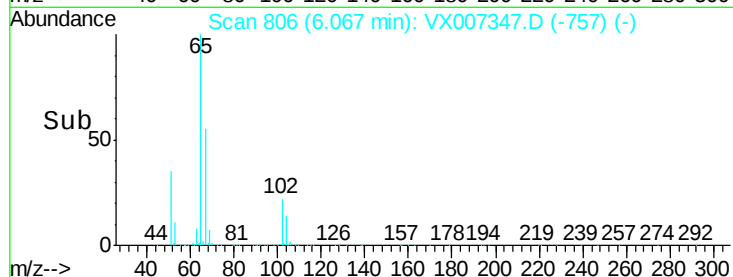
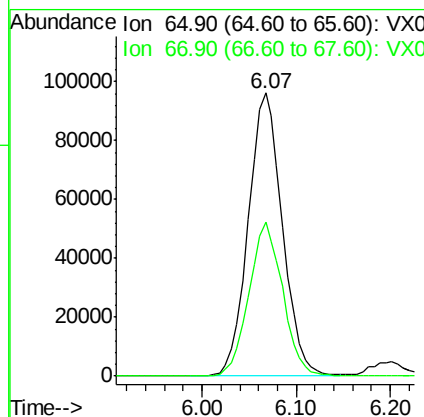
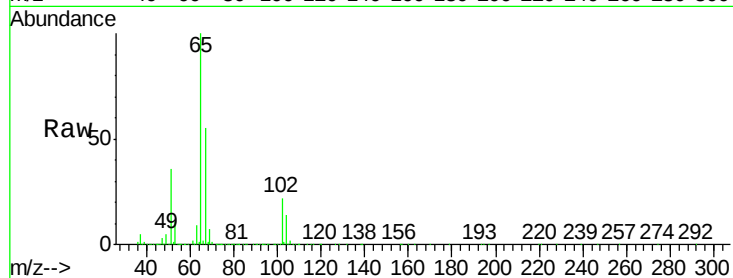
#33
 1,2-Dichloroethane-d4
 Concen: 49.421 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	243536		
67	54.0	0.0	108.8	

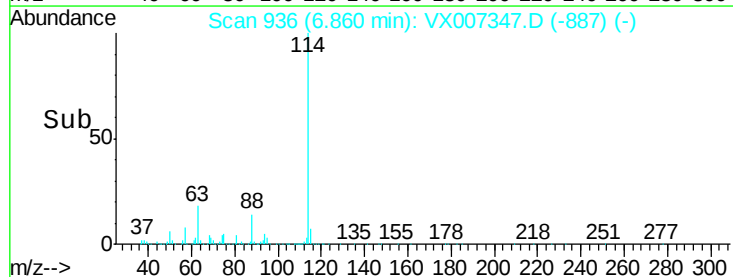
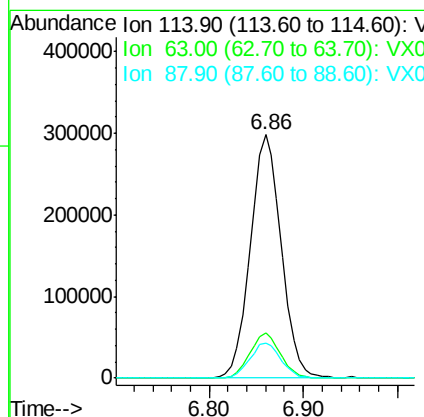
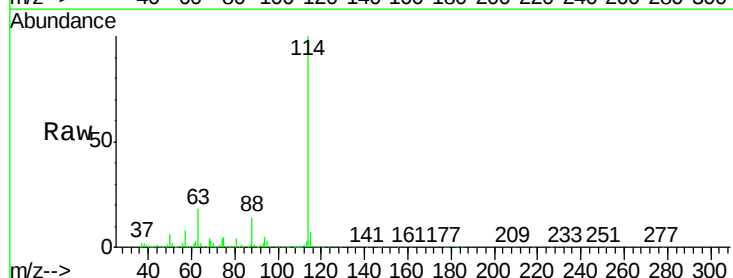
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	688329		
63	18.4	0.0	35.6	
88	14.3	0.0	29.6	





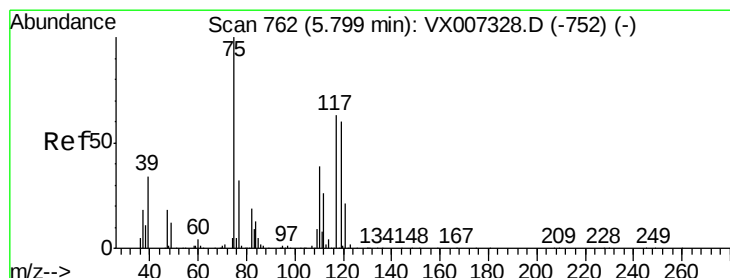
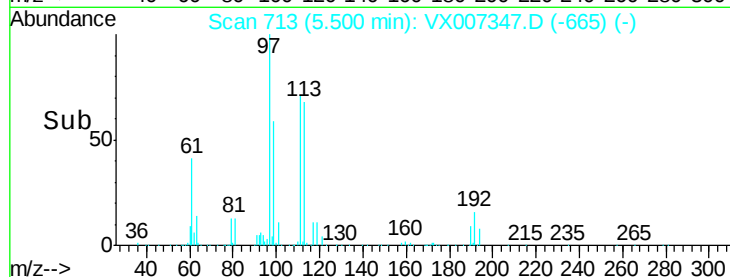
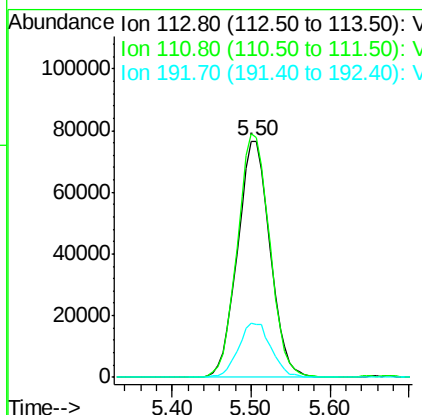
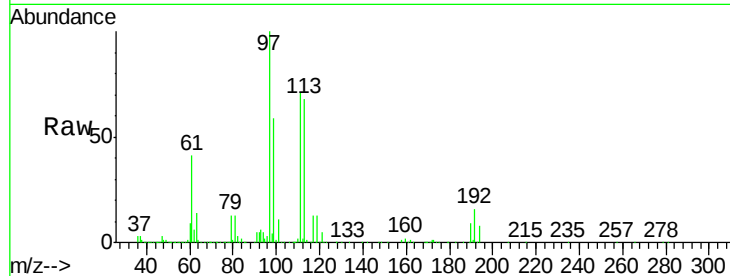
#35
 Dibromofluoromethane
 Concen: 49.110 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100	219948		
111	102.2	81.8	122.8	
192	23.1	18.5	27.7	

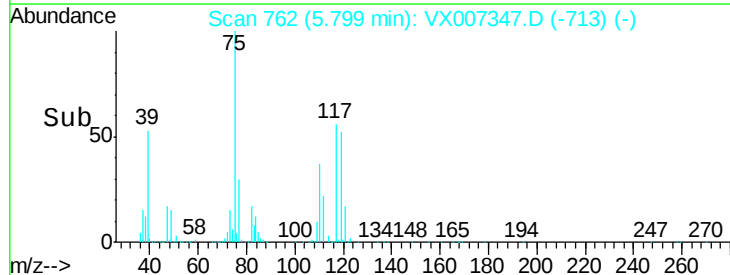
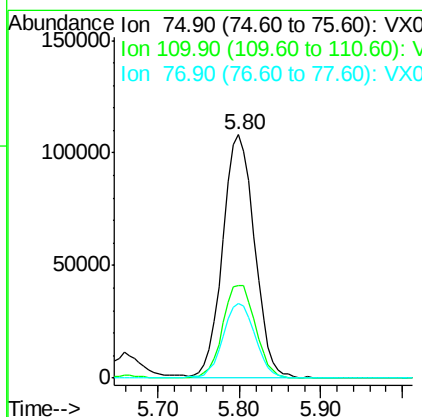
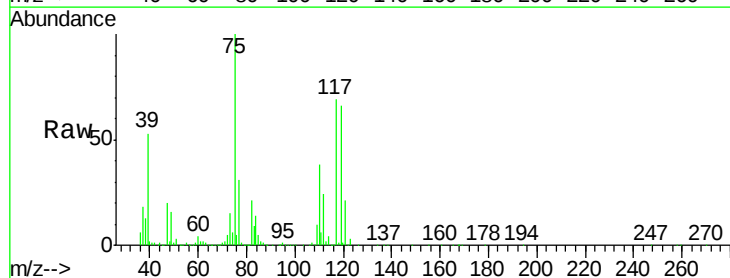
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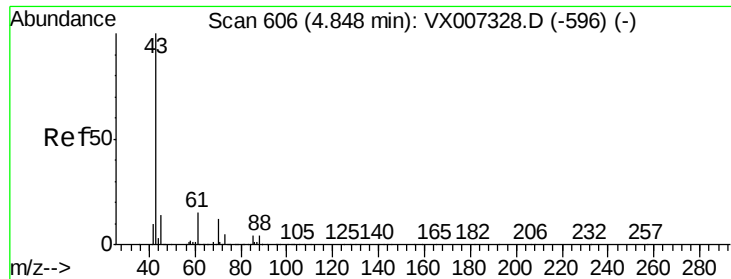
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#36
 1,1-Dichloropropene
 Concen: 47.163 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	291280		
110	39.6	20.0	59.9	
77	30.9	24.7	37.1	





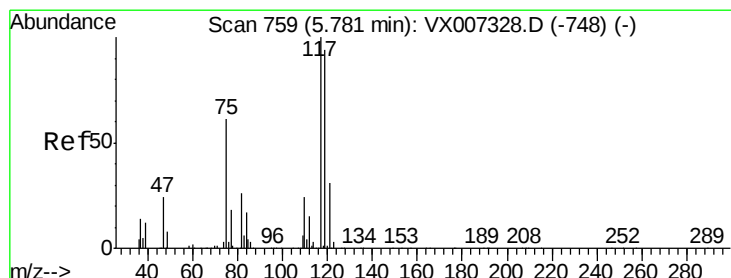
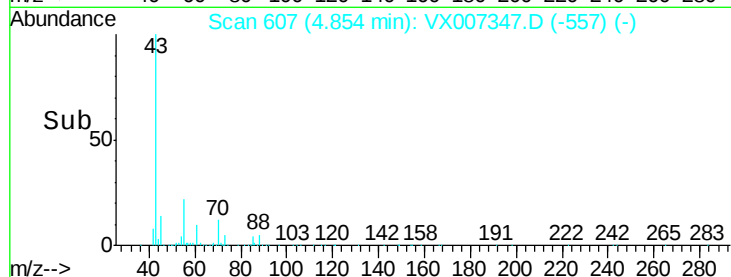
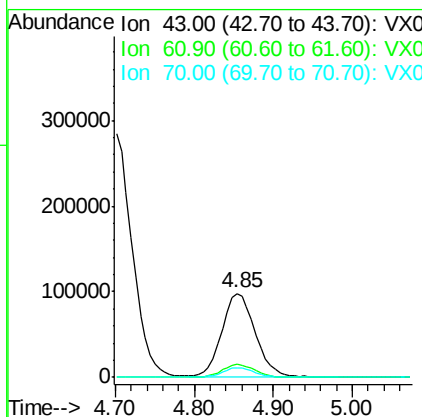
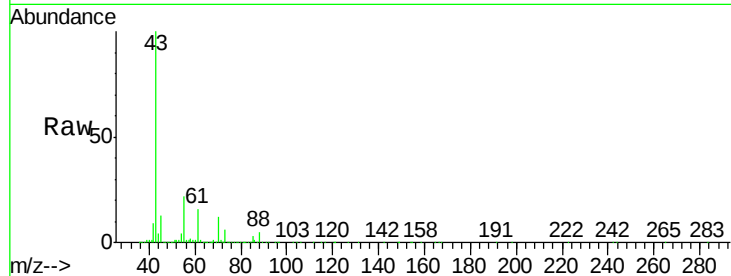
#37
Ethyl Acetate
Concen: 46.260 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.2	8.6	13.0

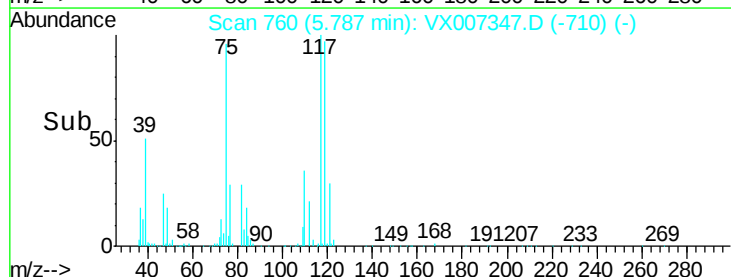
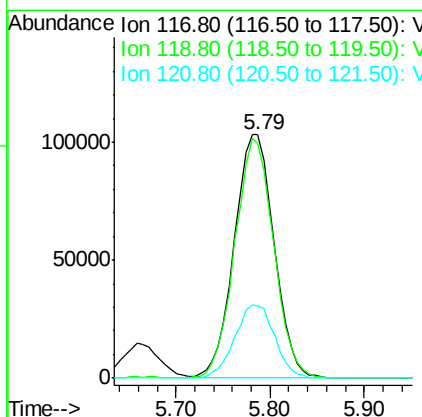
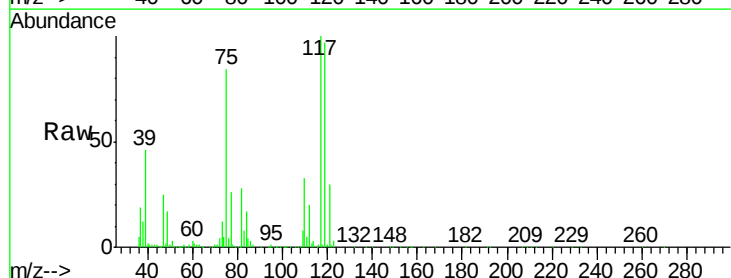
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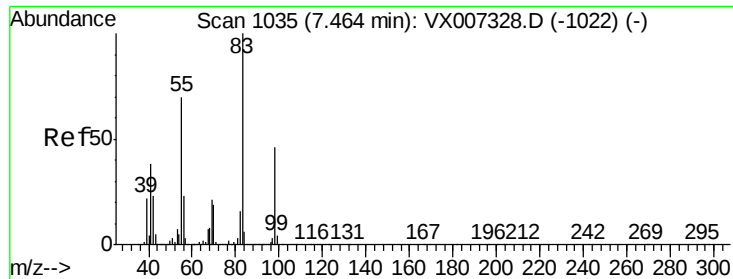
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#38
Carbon Tetrachloride
Concen: 50.602 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.3	112.9
121	29.8	25.0	37.4





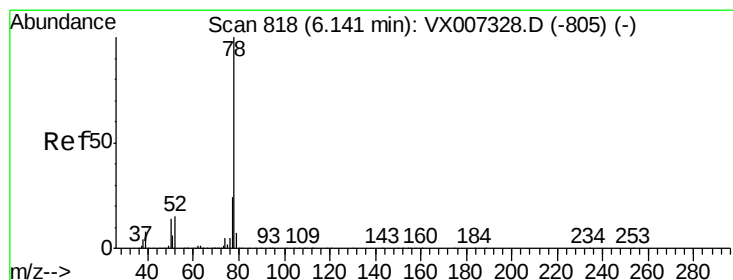
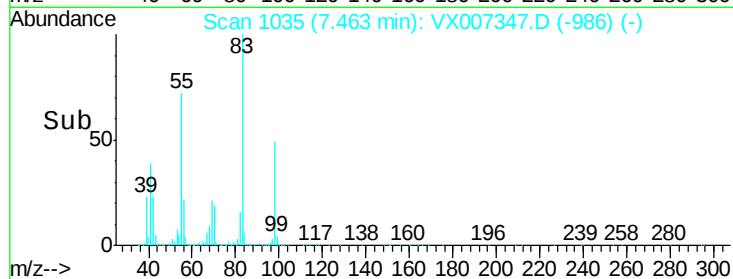
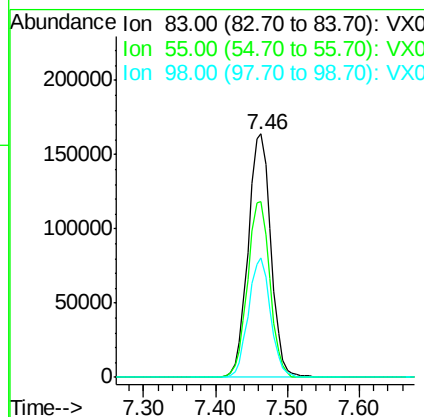
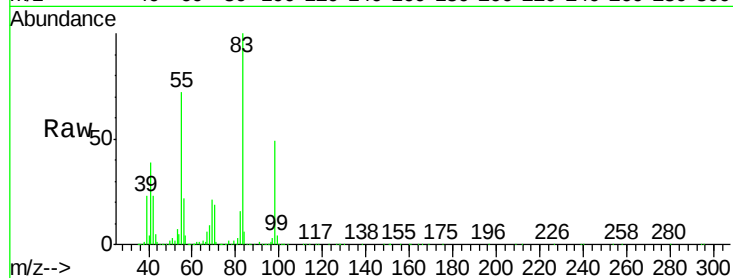
#39
Methvlcvclohexane
Concen: 48.061 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	56.2	84.2
98	49.0	36.8	55.2

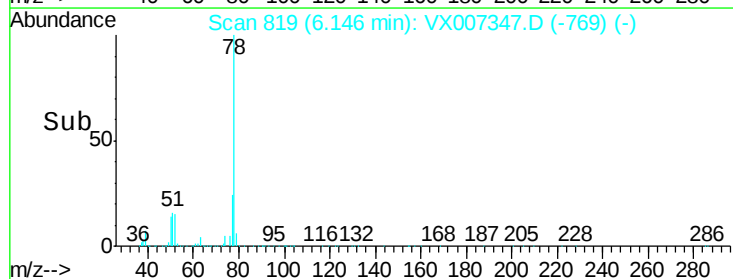
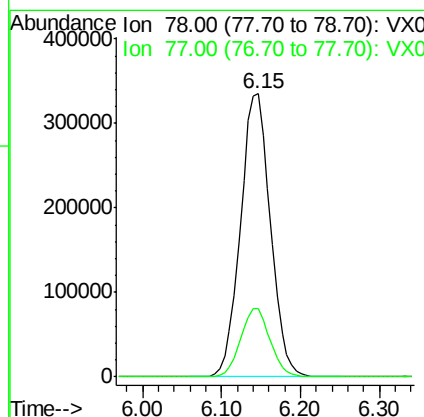
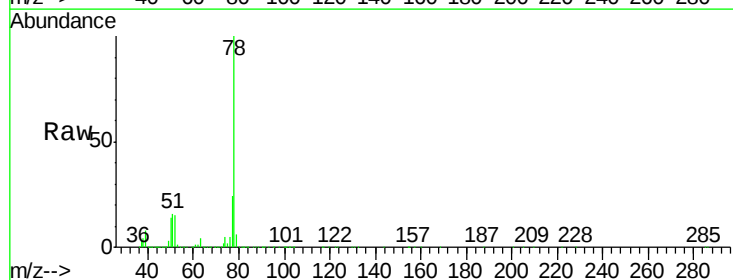
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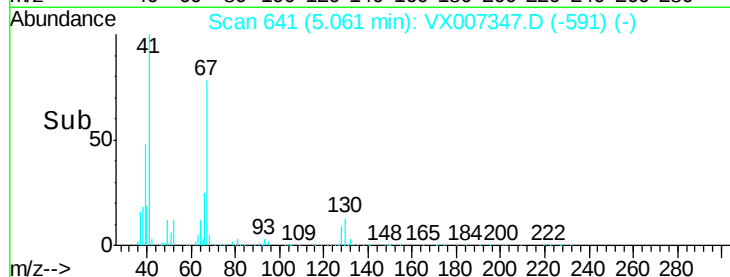
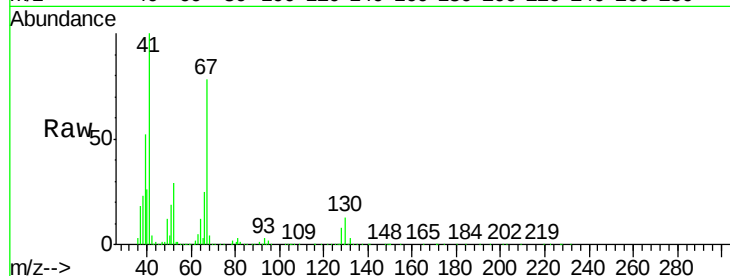
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#40
Benzene
Concen: 48.612 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





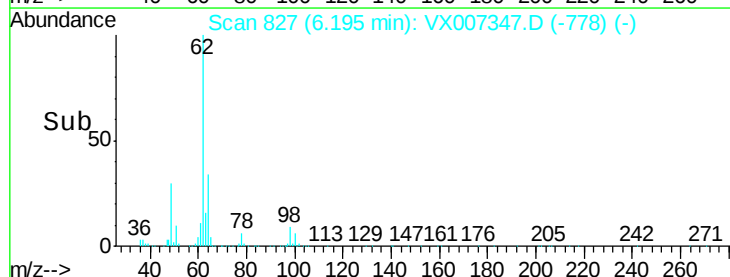
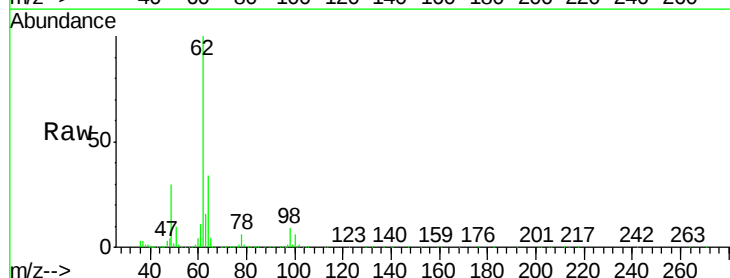
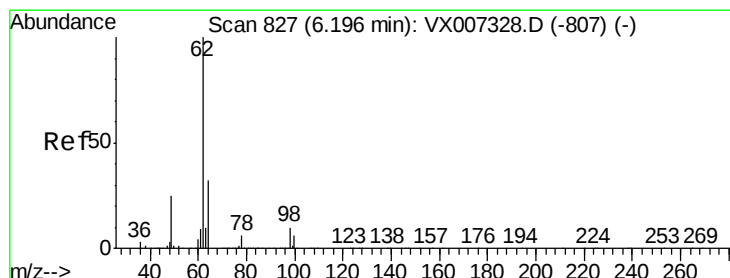
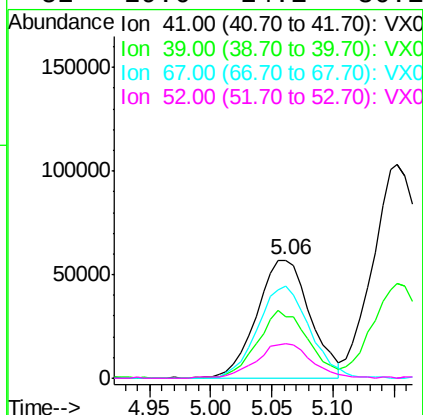
#41
Methacrylonitrile
Concen: 51.637 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		172777		
39	54.2	44.5	66.7		
67	75.5	60.4	90.6		
52	29.6	24.1	36.1		

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

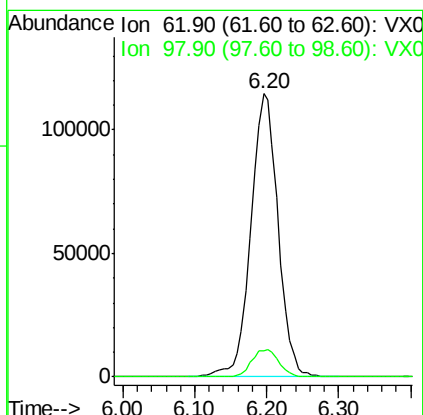
Manual Integrations
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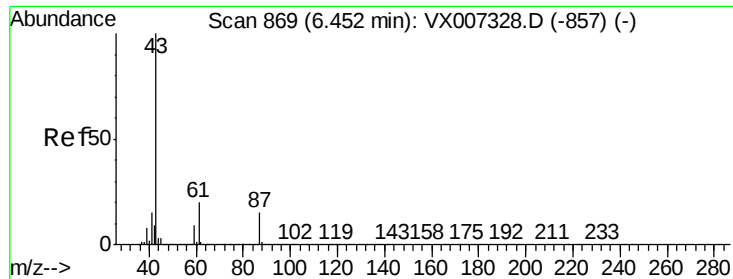
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#42
1,2-Dichloroethane
Concen: 47.822 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		301015		
98	9.7	0.0	19.0		





#43

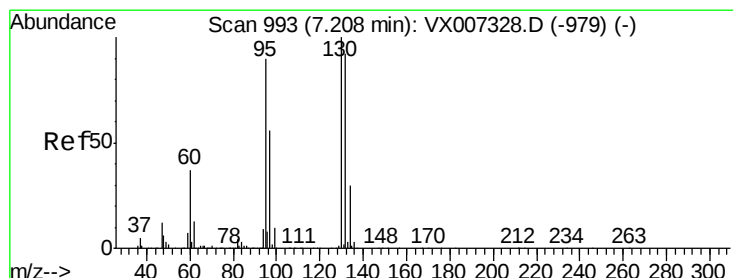
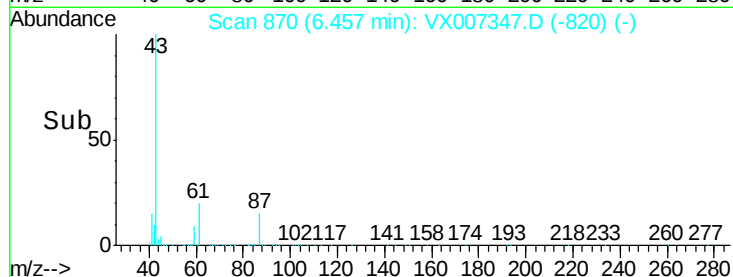
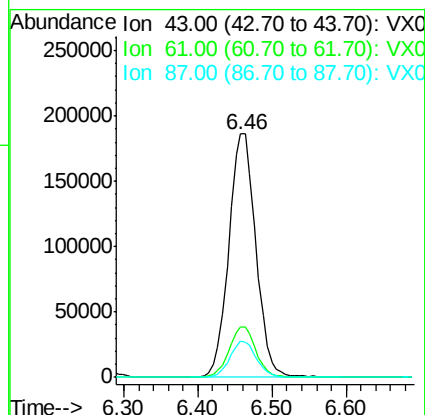
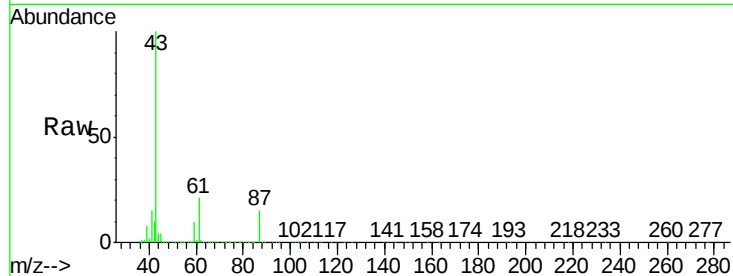
Isopropyl Acetate
 Concen: 48.986 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	14.6	11.5	17.3

Manual Integrations
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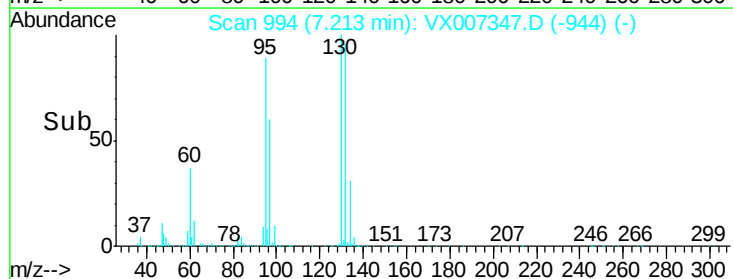
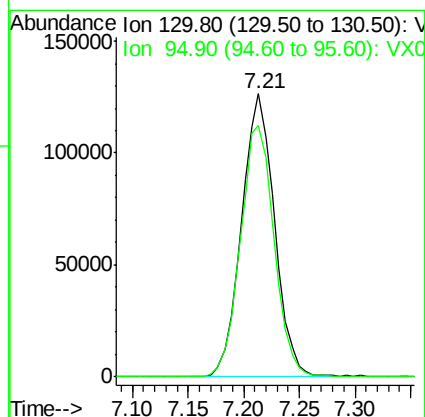
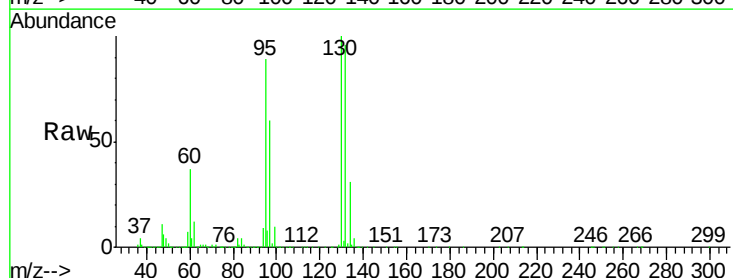
MMDadoda
 2/4/2019 9:36:47 AM

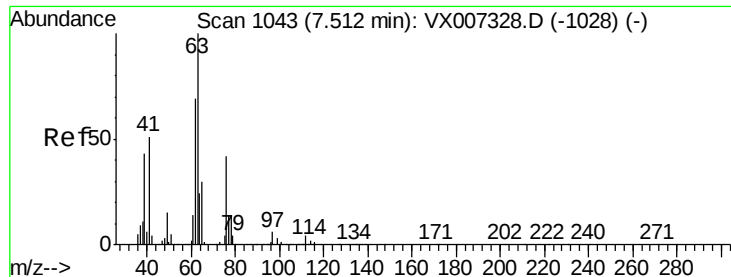


#44

Trichloroethene
 Concen: 47.329 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.9	0.0	180.0





#45

1,2-Dichloropropane

Concen: 48.601 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 63 Resp: 221533

Ion Ratio Lower Upper

63 100

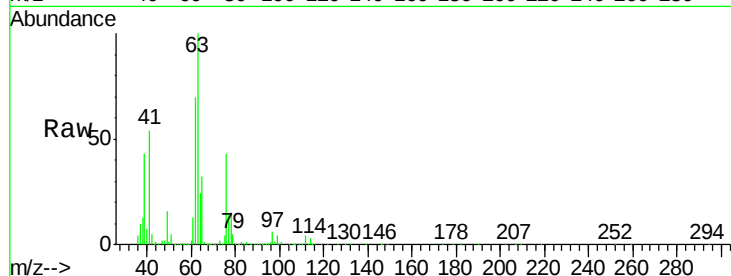
65 31.4 24.2 36.2

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

120000

100000

80000

60000

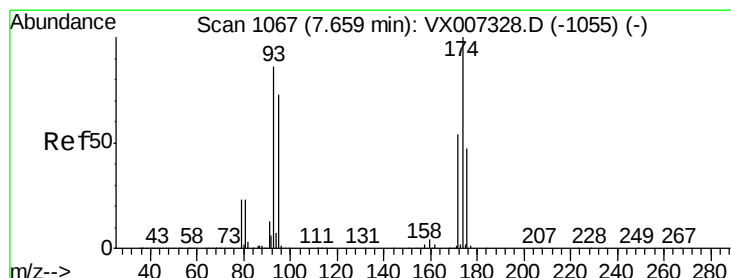
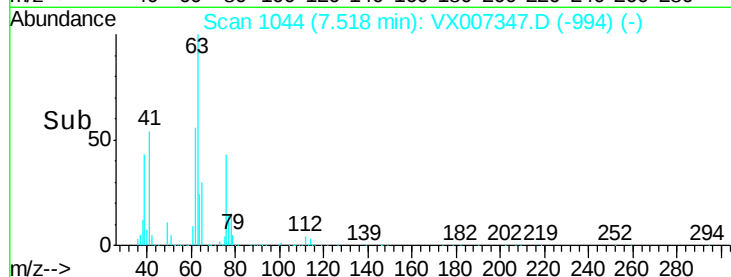
40000

20000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 48.302 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

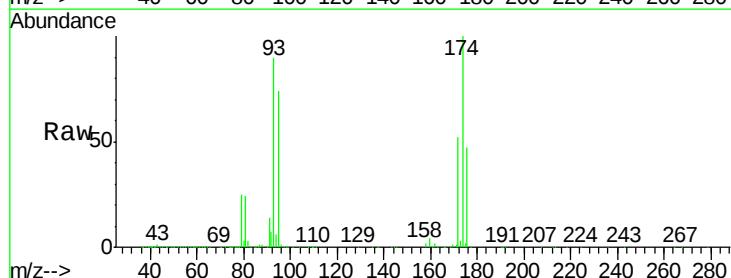
Tgt Ion: 93 Resp: 160019

Ion Ratio Lower Upper

93 100

95 82.7 67.6 101.4

174 117.8 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

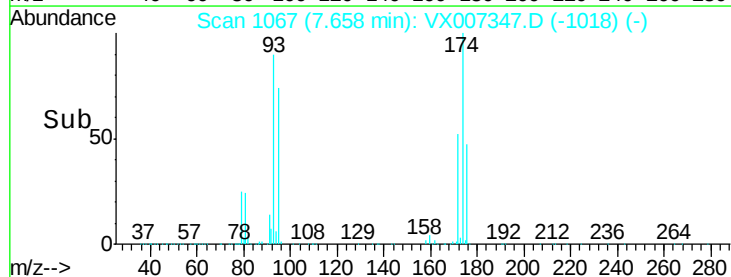
100000

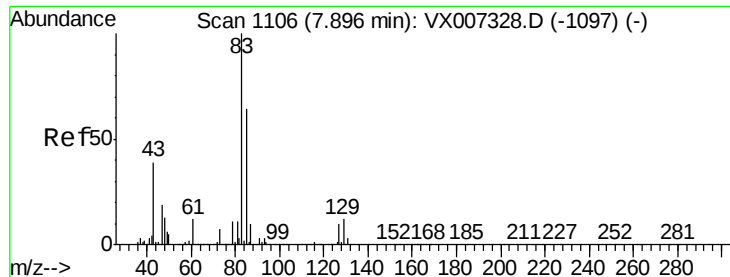
50000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 51.189 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

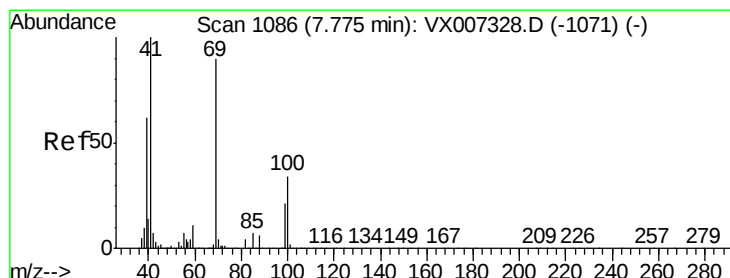
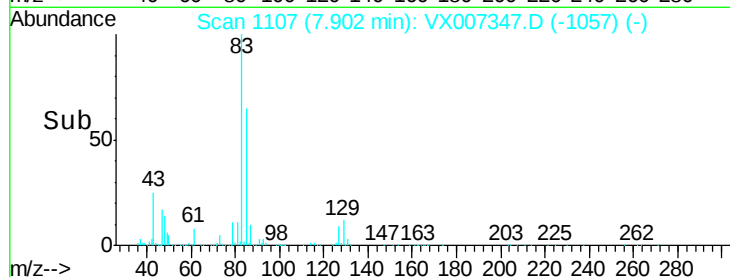
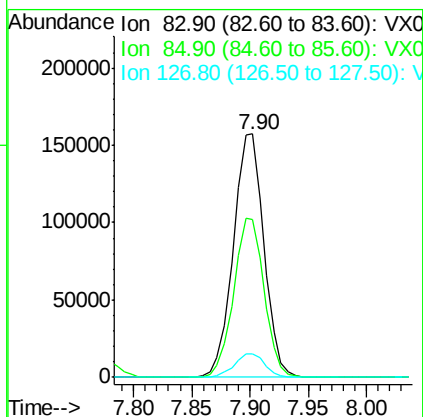
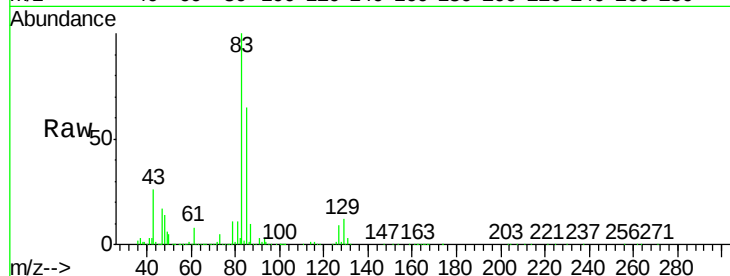
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	83	Resp:	287410
Ion Ratio	Lower	Upper	
83	100		
85	64.8	51.4	77.0
127	9.4	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.711 ug/l

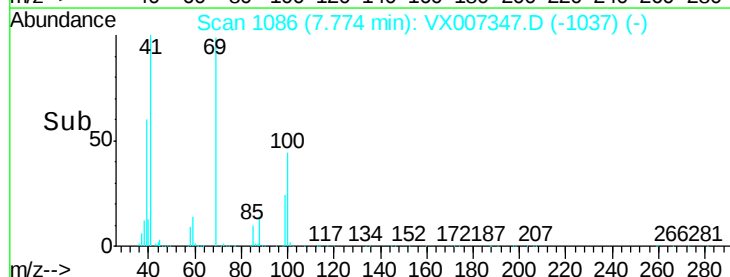
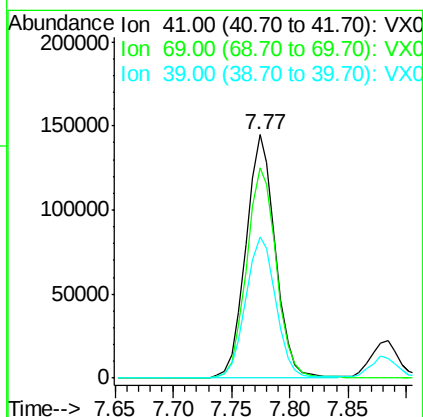
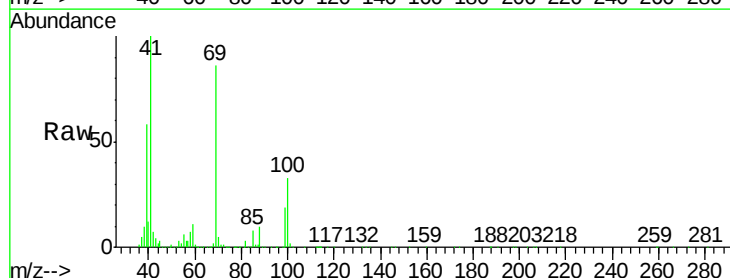
RT: 7.77 min Scan# 1086

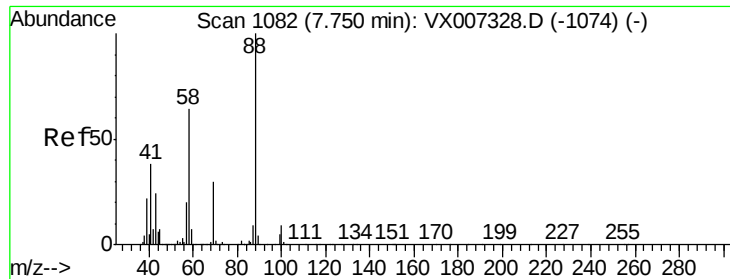
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	41	Resp:	254069
Ion Ratio	Lower	Upper	
41	100		
69	88.3	70.2	105.4
39	60.1	47.4	71.0





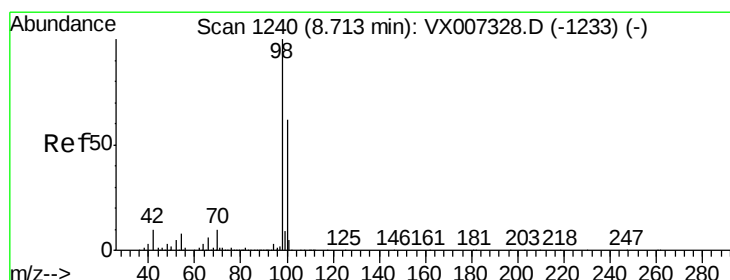
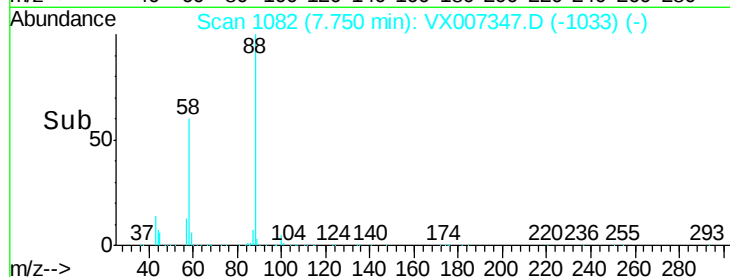
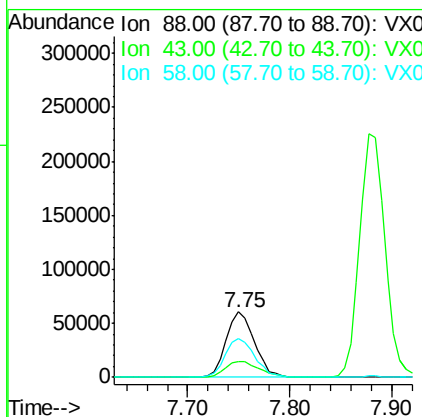
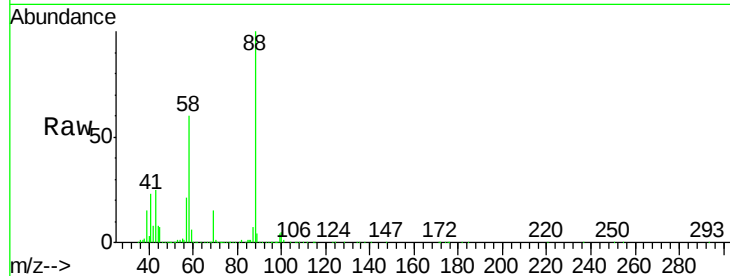
#49
1,4-Dioxane
Concen: 1058.923 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.7	24.2	36.4
58	62.0	53.0	79.4

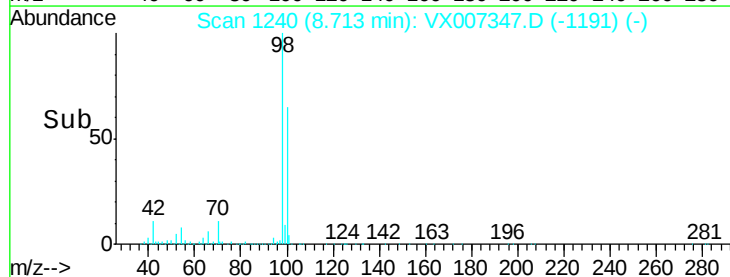
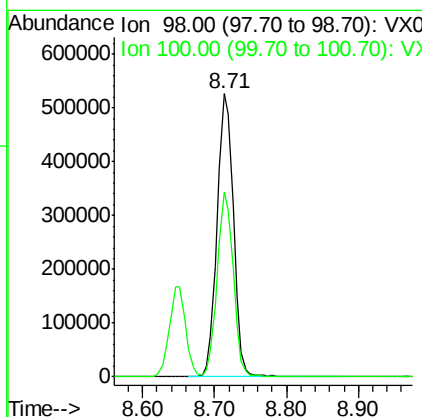
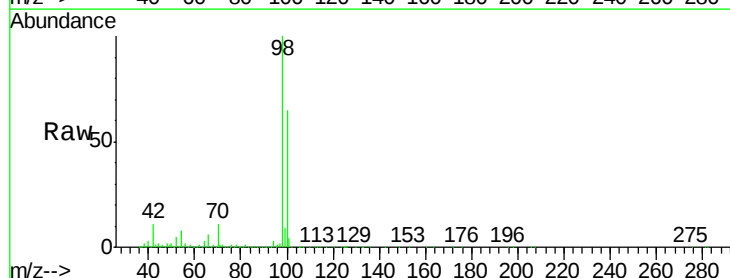
Manual Integrations
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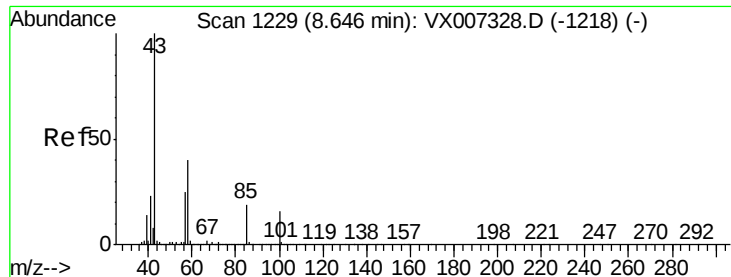
MMDadoda
2/4/2019 9:36:47 AM



#50
Toluene-d8
Concen: 49.750 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 259.821 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 43 Resp: 1648217

Ion Ratio Lower Upper

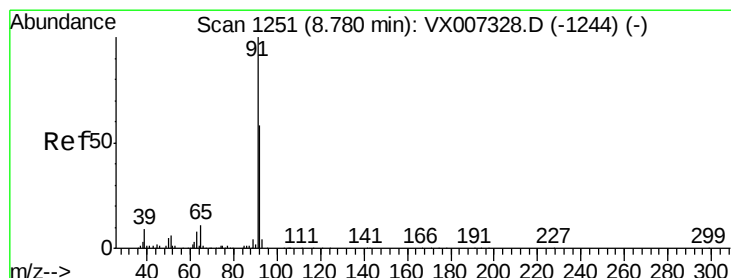
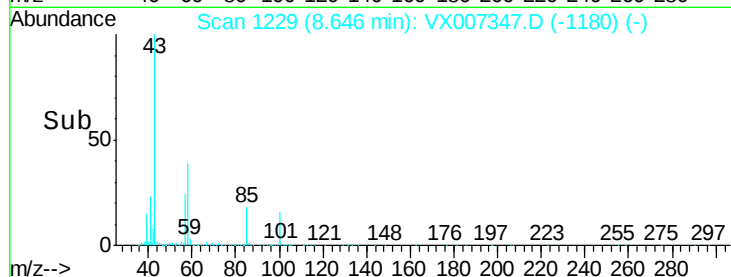
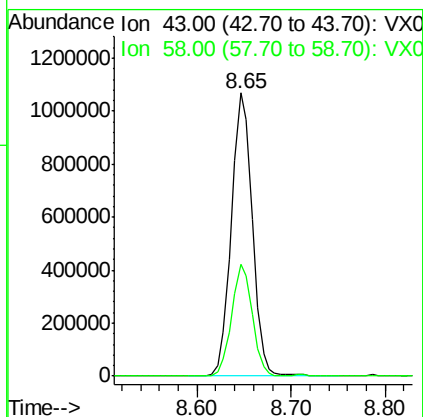
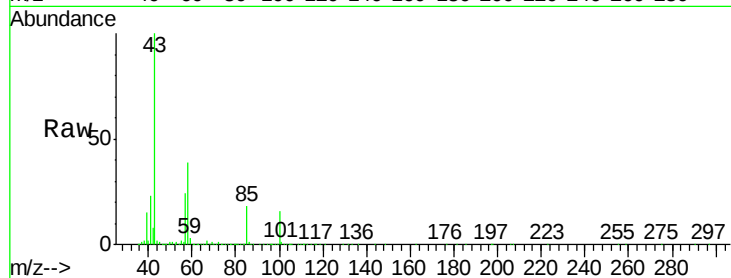
43 100

58 38.8 31.2 46.8

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#52

Toluene

Concen: 49.278 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007347.D

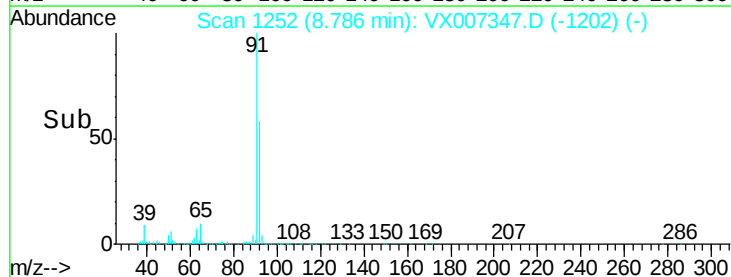
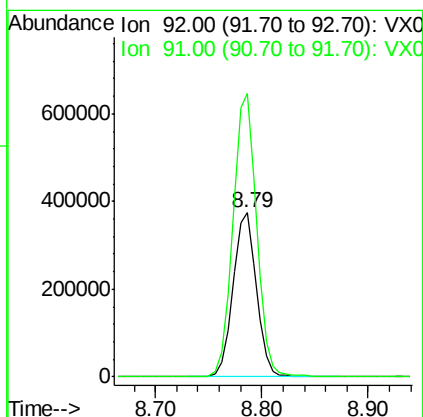
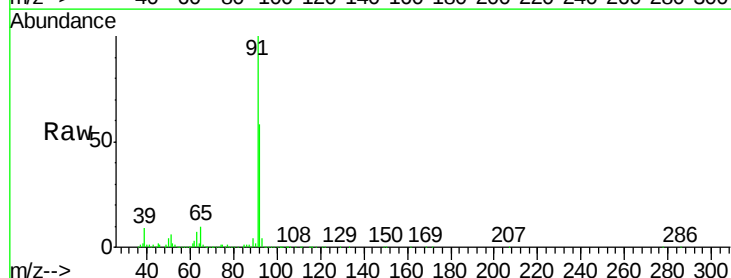
Acq: 01 Feb 2019 19:59

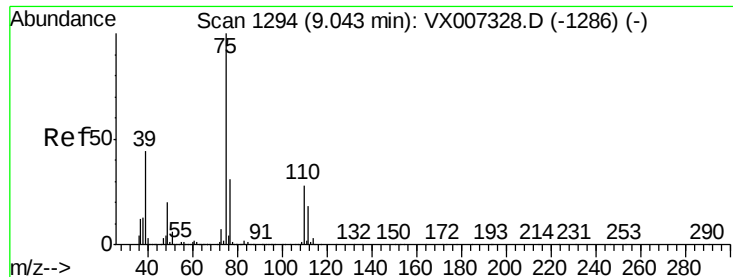
Tgt Ion: 92 Resp: 578410

Ion Ratio Lower Upper

92 100

91 173.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 51.843 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 75 Resp: 312661

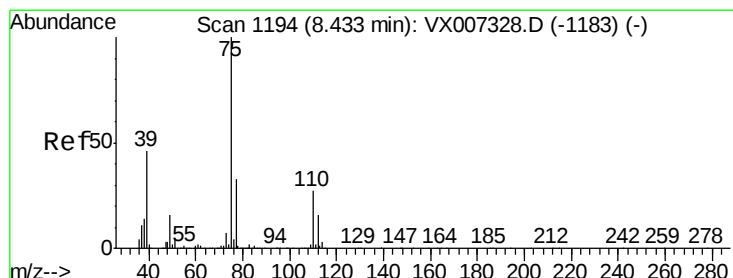
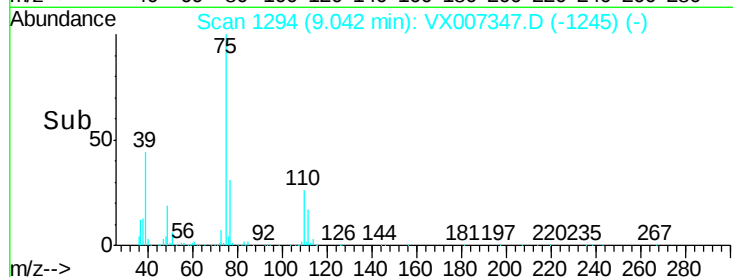
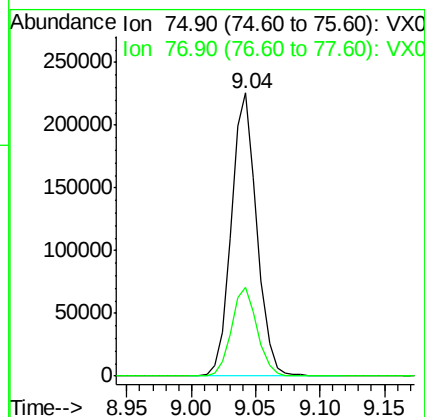
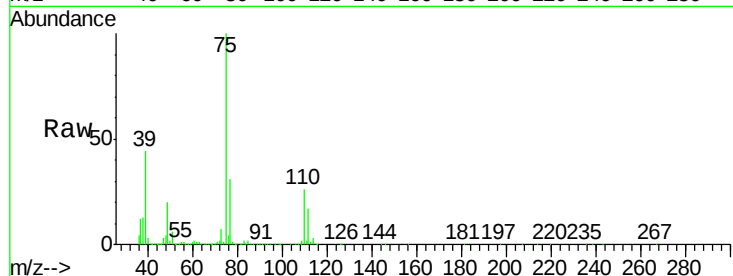
Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 50.440 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

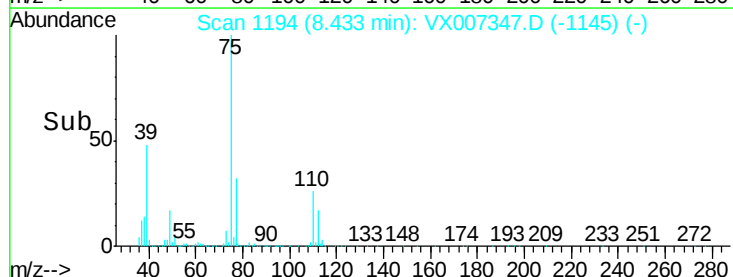
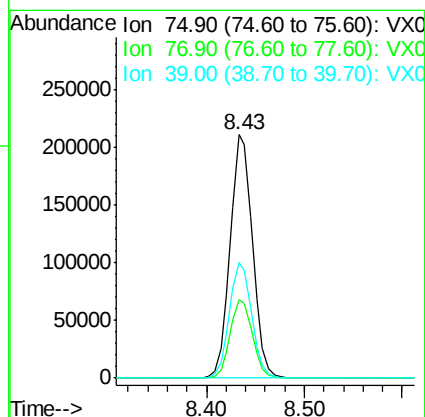
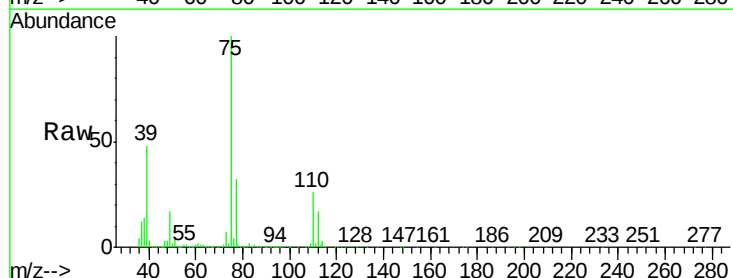
Tgt Ion: 75 Resp: 334527

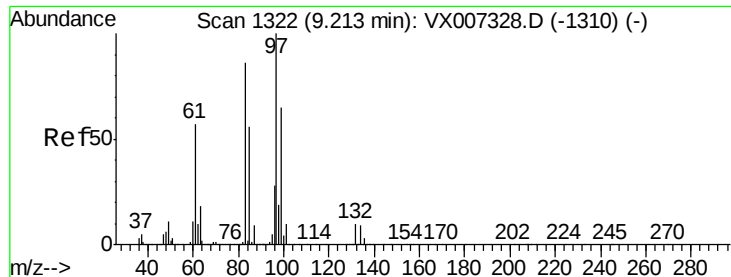
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.4

39 47.6 37.1 55.7





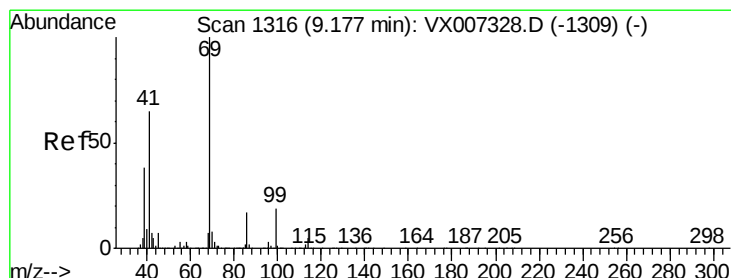
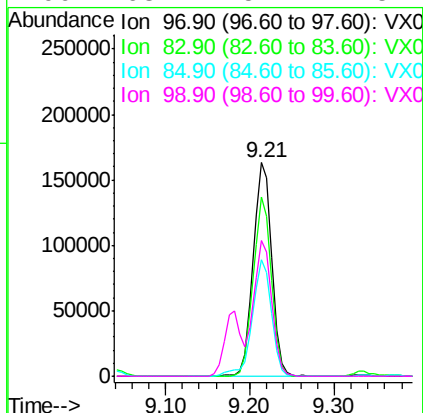
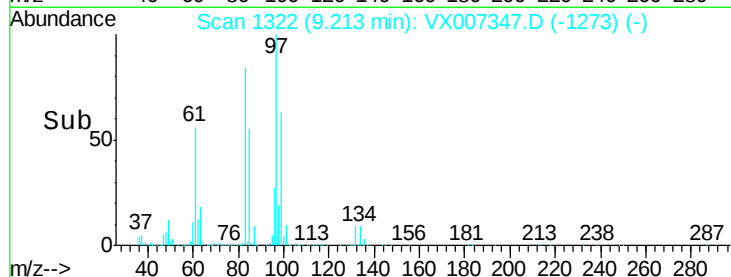
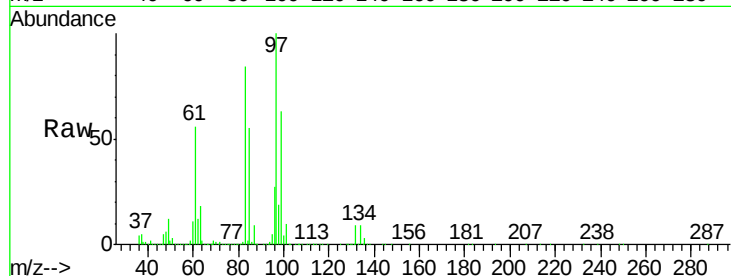
#55
 1,1,2-Trichloroethane
 Concen: 49.461 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		241999		
83	84.1	68.6	102.8		
85	54.6	44.5	66.7		
99	63.2	52.2	78.4		

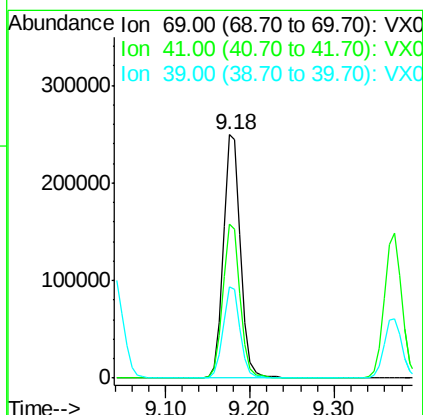
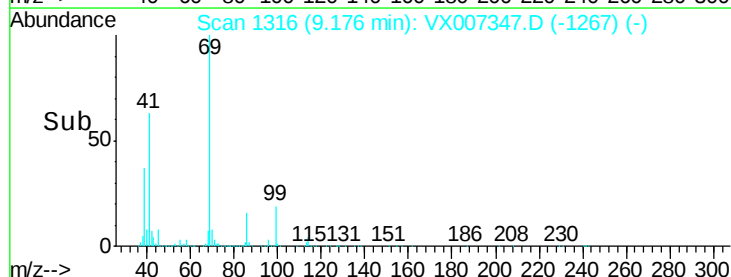
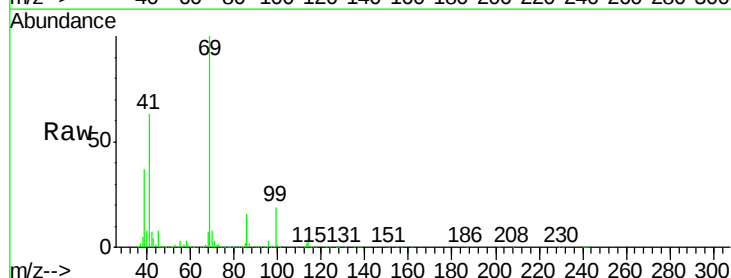
Manual Integrations
 APPROVED

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 2/4/2019 9:36:47 AM



#56
 Ethyl methacrylate
 Concen: 51.764 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		350778		
41	63.3	52.1	78.1		
39	37.3	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 49.184 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 76 Resp: 382692

Ion Ratio Lower Upper

76 100

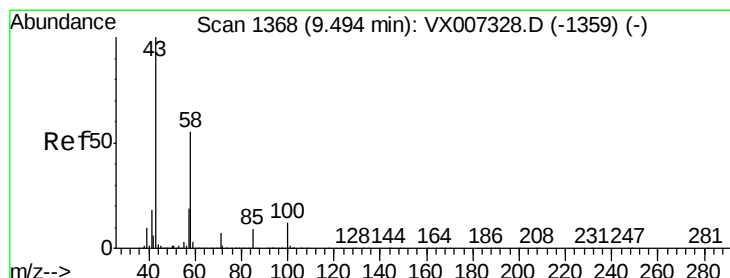
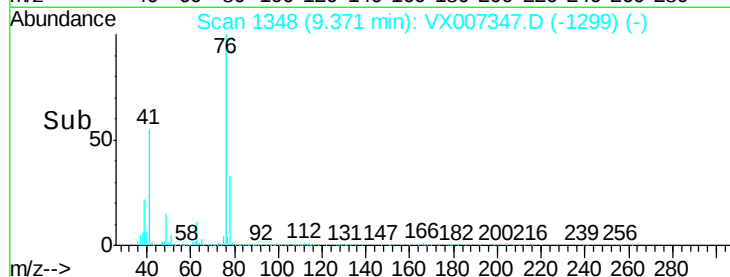
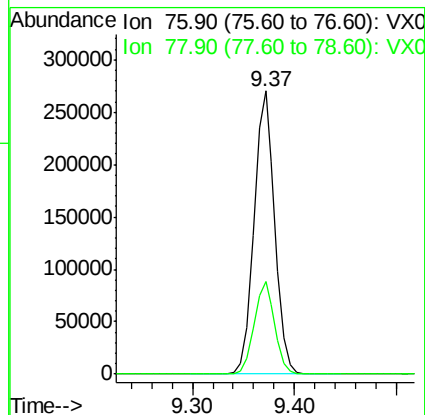
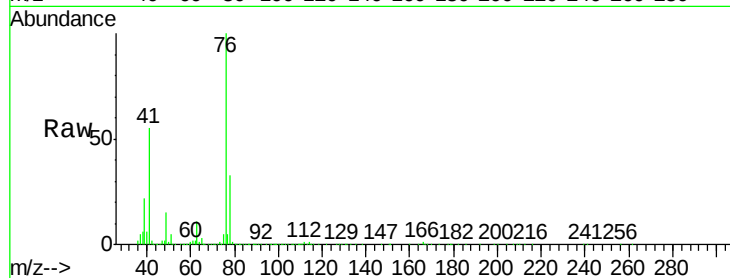
78 32.6 25.8 38.8

Manual Integrations

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#59

2-Hexanone

Concen: 251.618 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VX007347.D

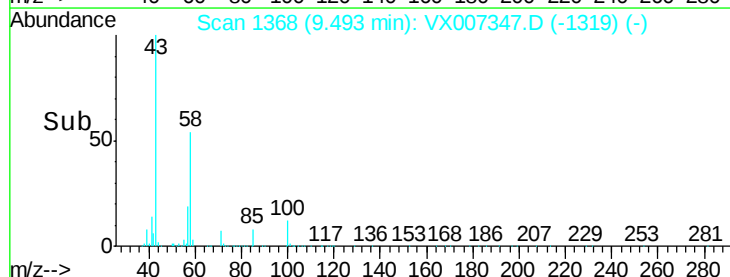
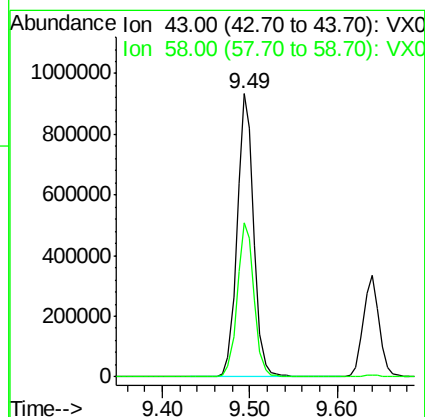
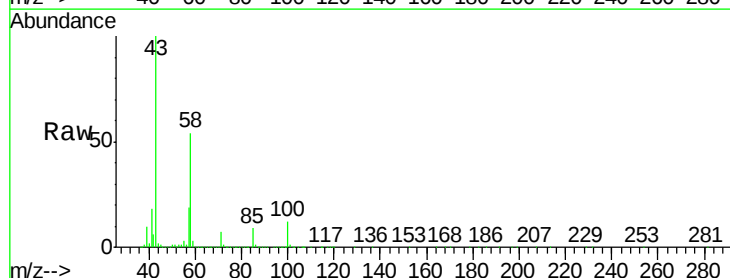
Acq: 01 Feb 2019 19:59

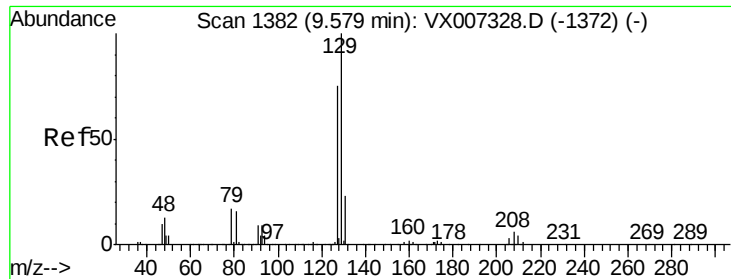
Tgt Ion: 43 Resp: 1242094

Ion Ratio Lower Upper

43 100

58 54.8 27.1 81.3





#60

Dibromochloromethane

Concen: 54.969 ug/l

RT: 9.58 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:129 Resp: 254361

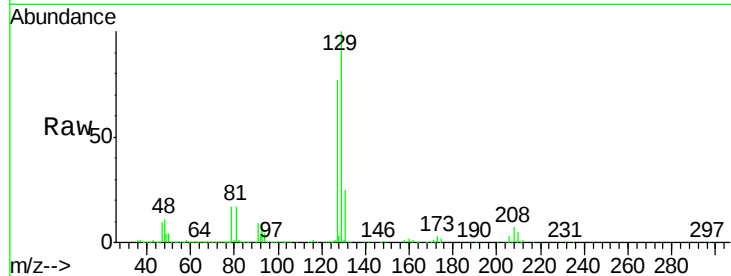
Ion Ratio Lower Upper

129 100

127 77.0 37.8 113.4

Manual Integrations
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2/4/2019 9:36:47 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

200000

150000

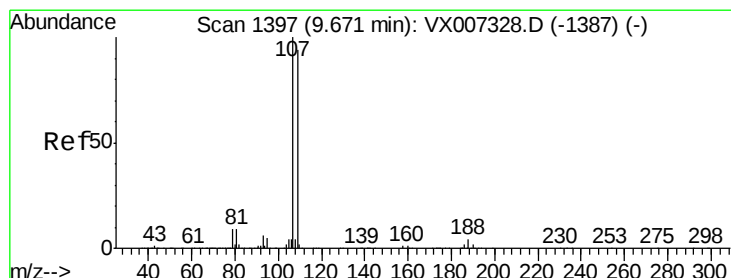
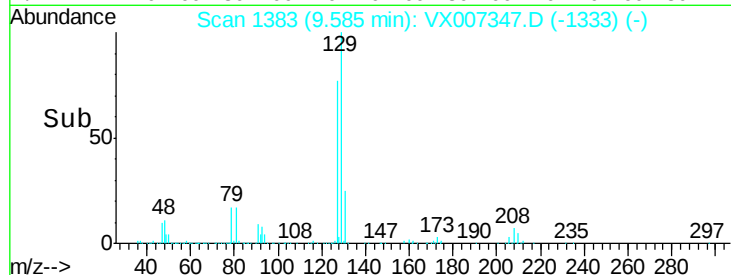
100000

50000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 50.351 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007347.D

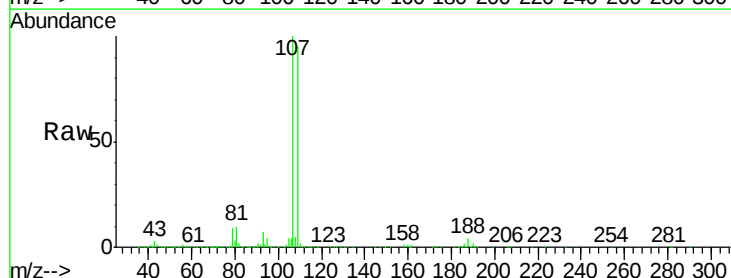
Acq: 01 Feb 2019 19:59

Tgt Ion:107 Resp: 260890

Ion Ratio Lower Upper

107 100

109 94.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

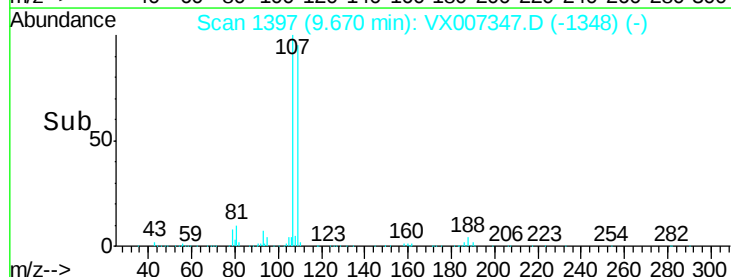
100000

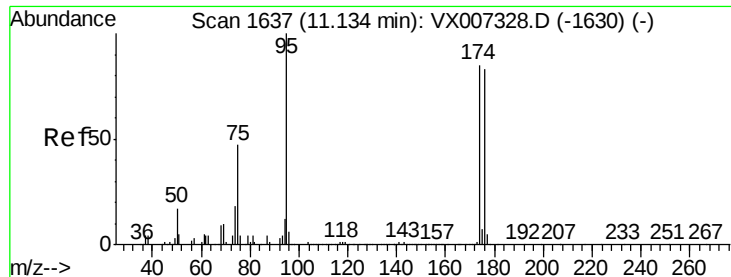
50000

0

9.60 9.65 9.70 9.75

Time-->





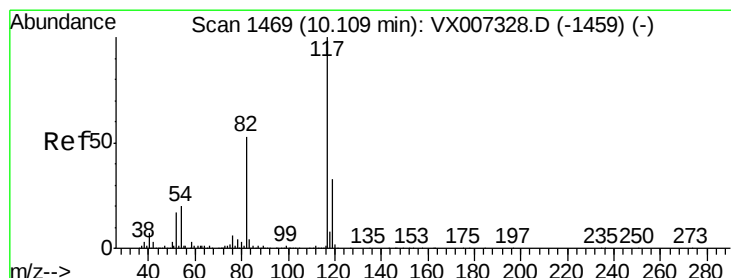
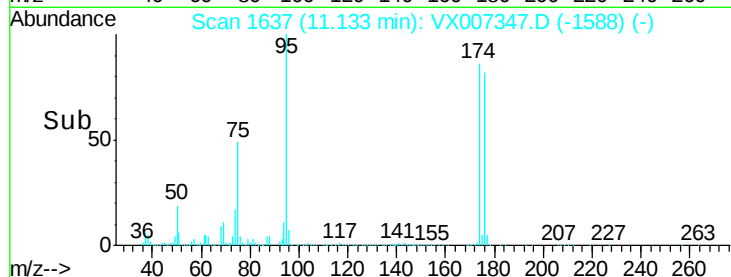
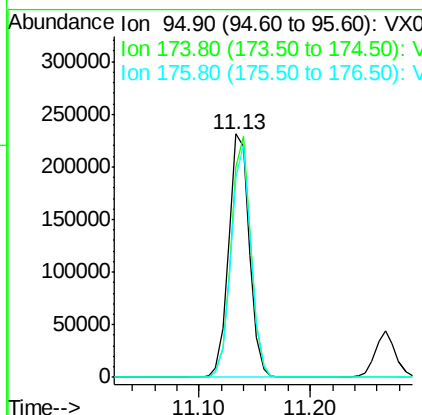
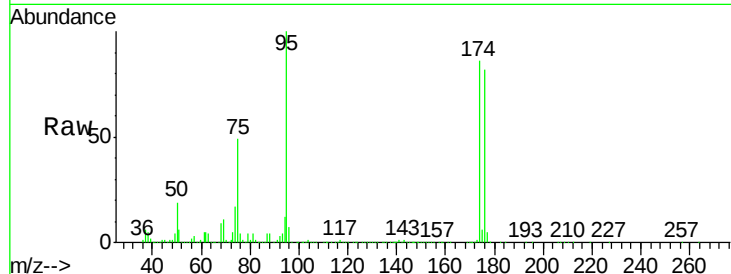
#62
4-Bromofluorobenzene
Concen: 48.730 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	295636		
174	94.9	0.0	189.2	
176	92.2	0.0	186.2	

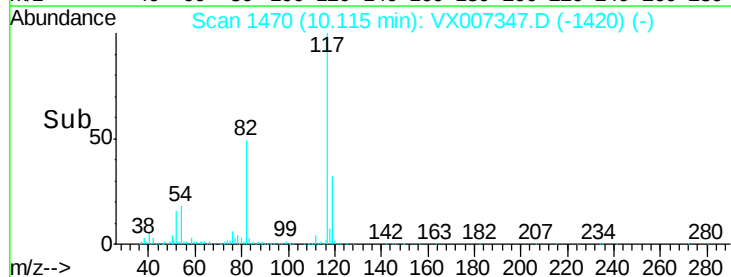
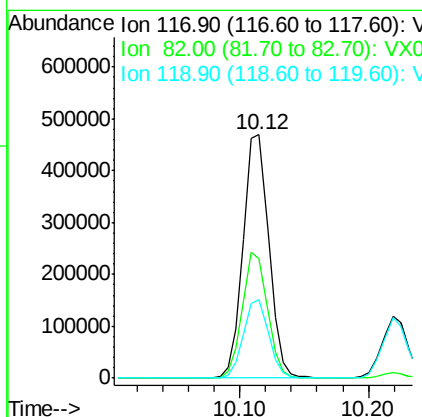
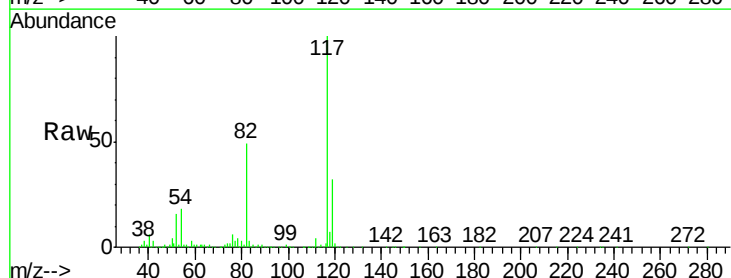
Manual Integrations
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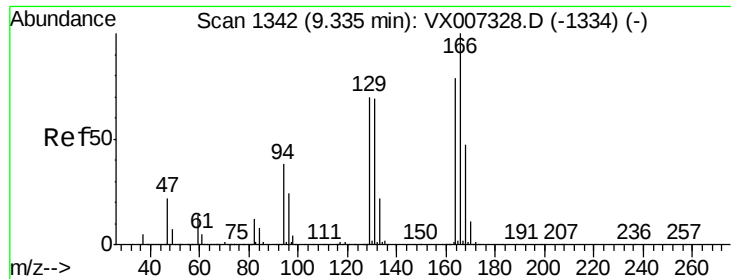
MMDadoda
2/4/2019 9:36:47 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	648593		
82	48.9	42.1	63.1	
119	32.4	26.5	39.7	





#64

Tetrachloroethene

Concen: 43.687 ug/l

RT: 9.33 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:164 Resp: 267063

Ion Ratio Lower Upper

164 100

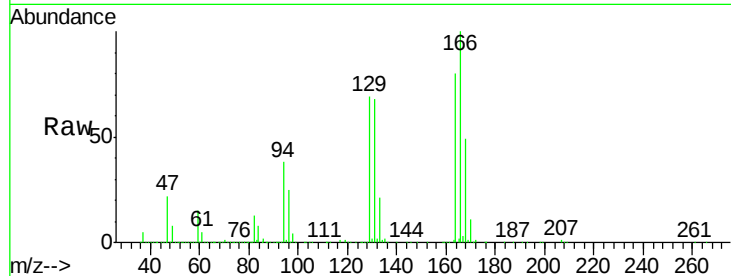
166 124.4 101.0 151.4

129 86.0 70.5 105.7

131 85.1 69.8 104.6

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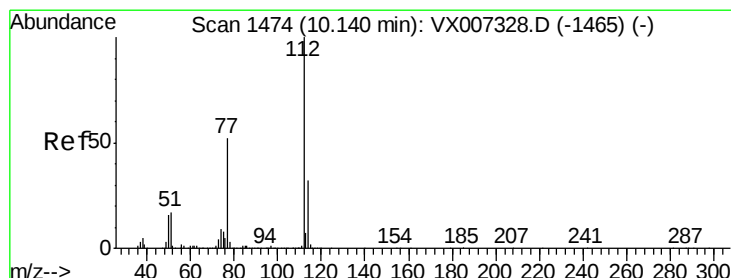
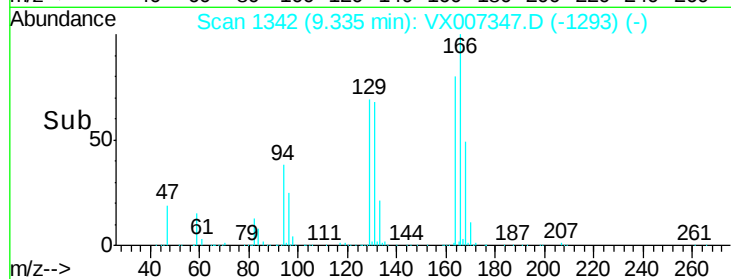
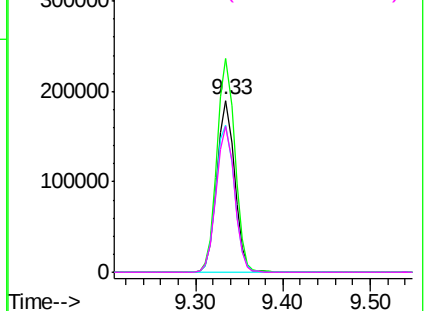


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 47.066 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007347.D

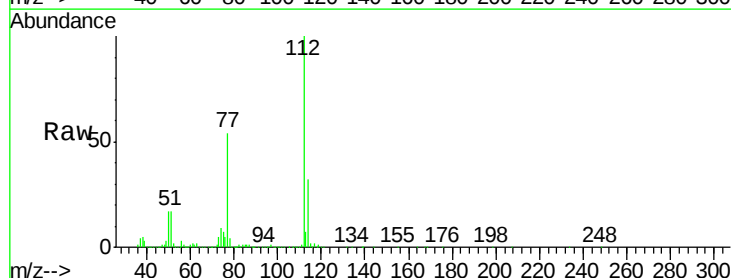
Acq: 01 Feb 2019 19:59

Tgt Ion:112 Resp: 666154

Ion Ratio Lower Upper

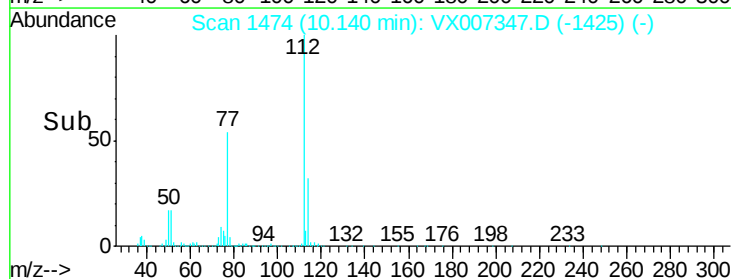
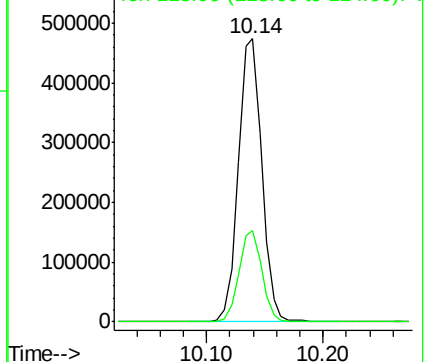
112 100

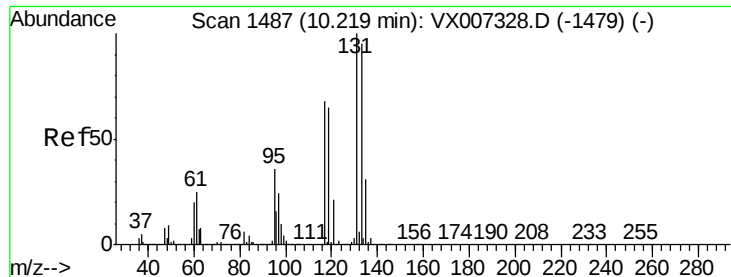
114 32.2 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.873 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

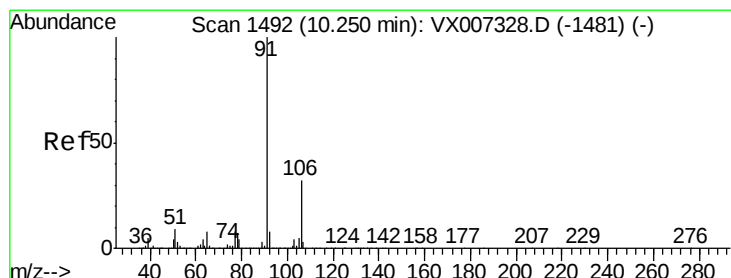
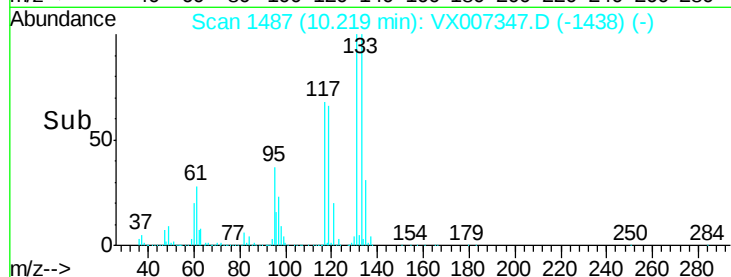
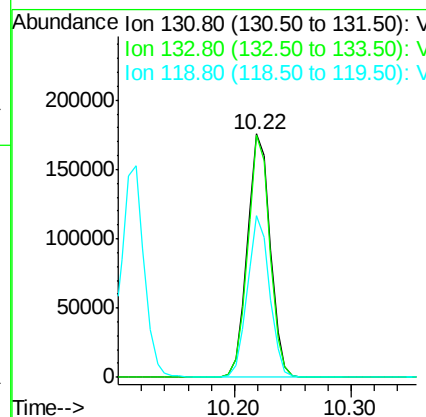
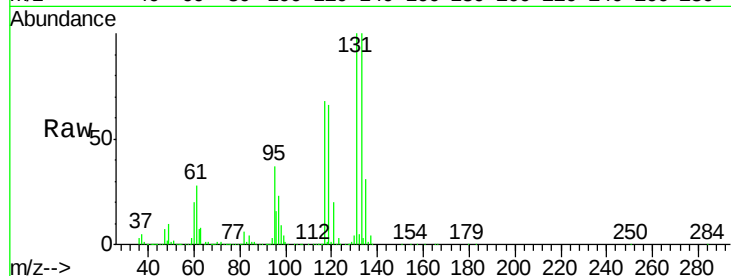
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion	Ratio	Resp	Lower	Upper
131	100	241408		
133	95.7	48.0	144.2	
119	64.1	32.0	96.0	

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#67

Ethyl Benzene

Concen: 48.414 ug/l

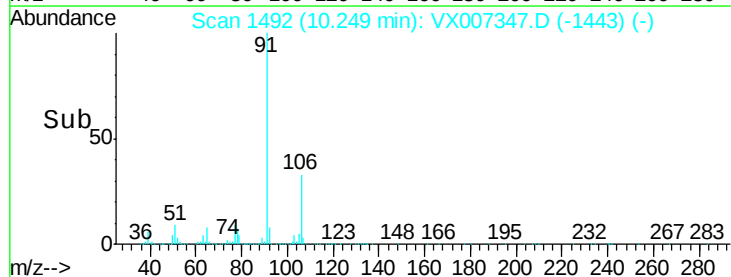
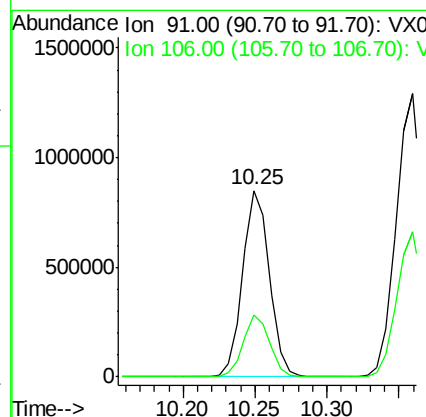
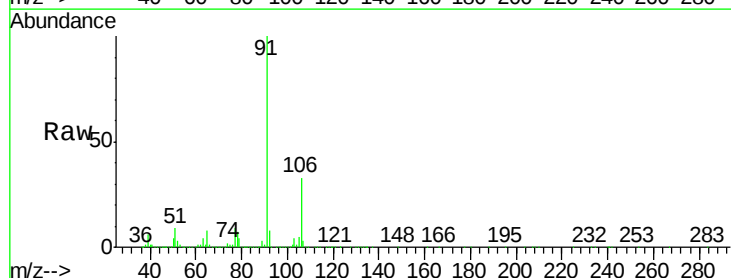
RT: 10.25 min Scan# 1492

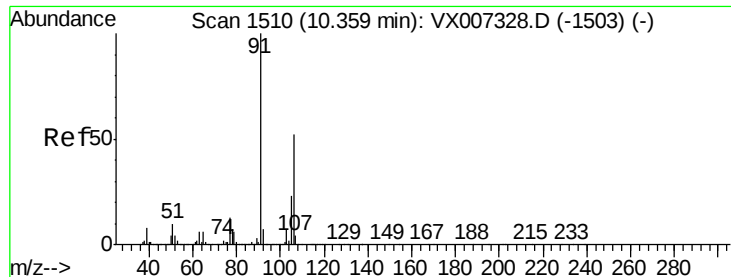
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1103484		
106	33.3	25.4	38.0	





#68

m/p-Xvlenes

Concen: 96.219 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:106 Resp: 871775

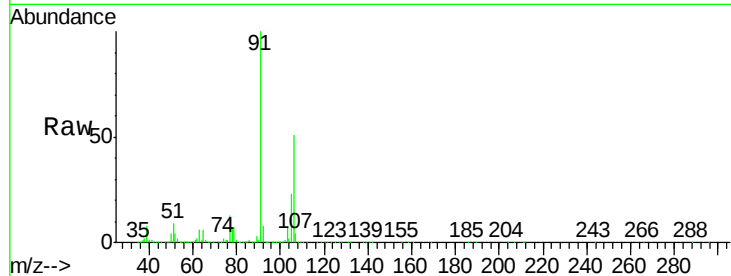
Ion Ratio Lower Upper

106 100

91 197.4 156.6 234.8

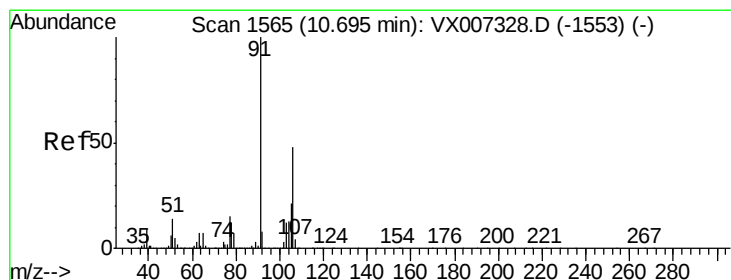
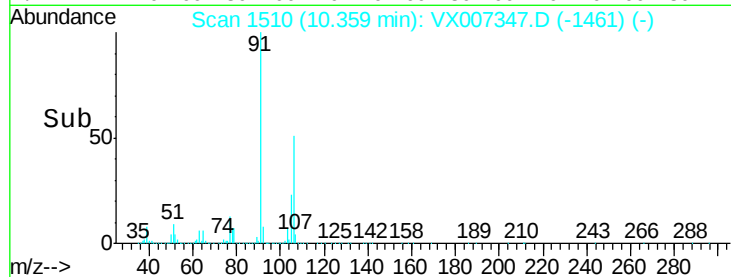
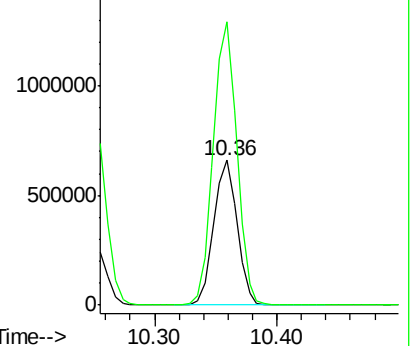
Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 48.887 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.01 min

Lab File: VX007347.D

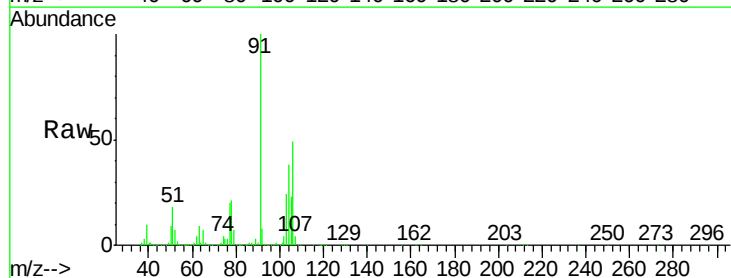
Acq: 01 Feb 2019 19:59

Tgt Ion:106 Resp: 426211

Ion Ratio Lower Upper

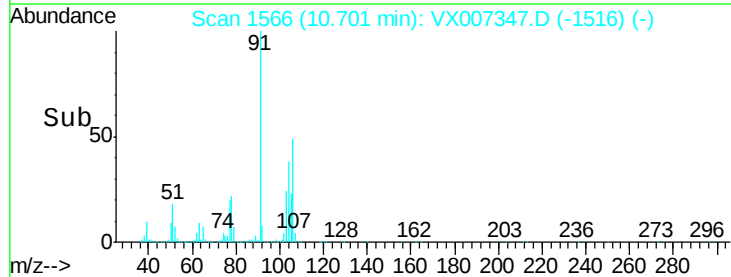
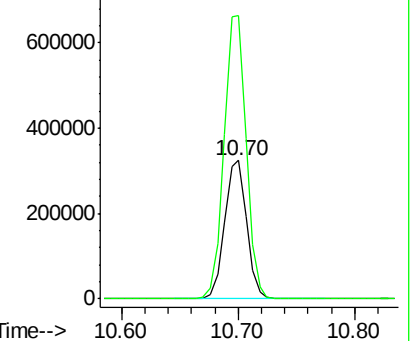
106 100

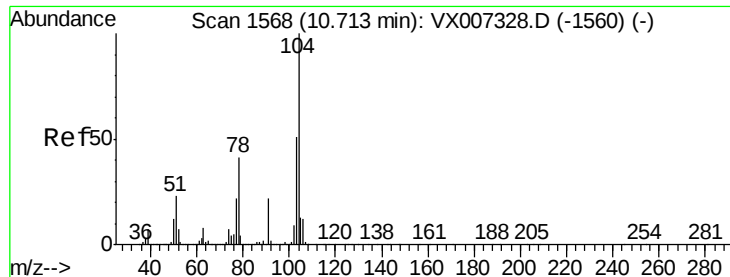
91 207.1 102.9 308.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 48.850 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

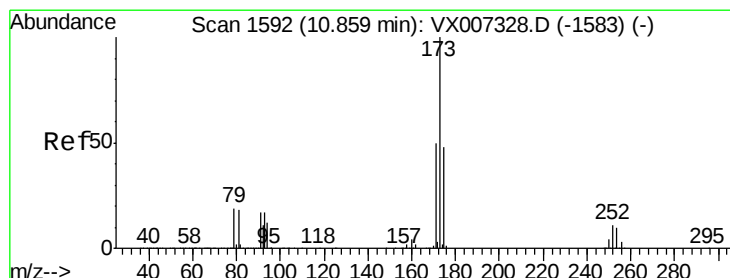
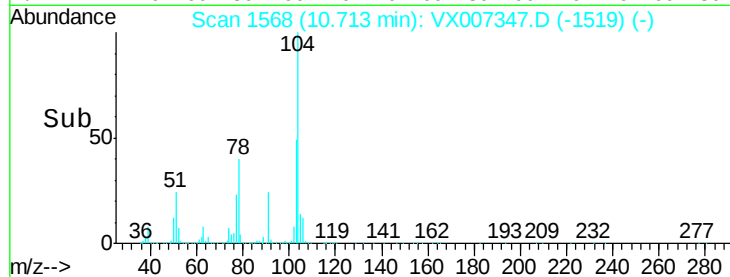
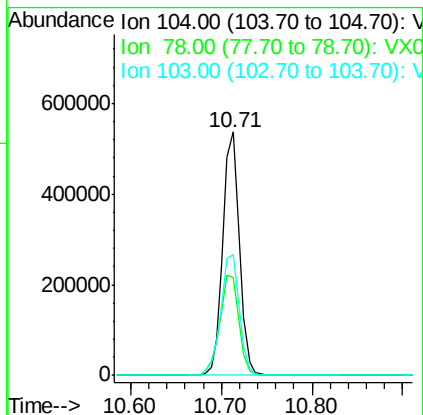
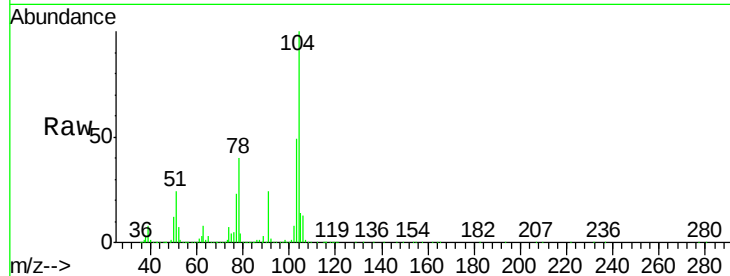
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	104	Resp:	690691
Ion Ratio		Lower	Upper
104	100		
78	47.5	38.3	57.5
103	55.7	44.6	67.0

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#71

Bromoform

Concen: 46.727 ug/l

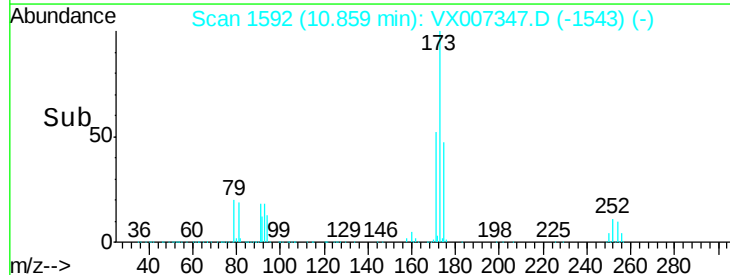
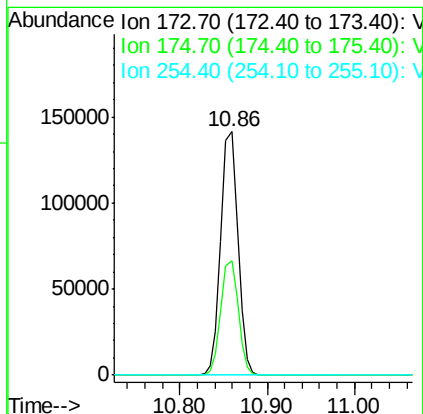
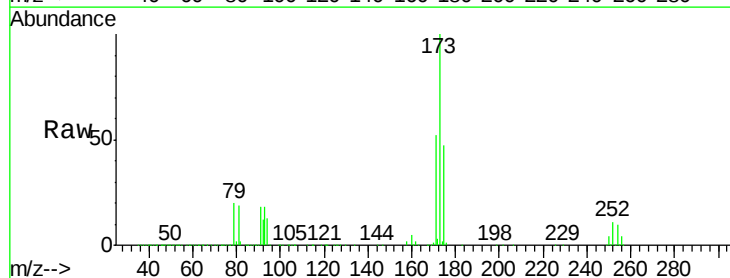
RT: 10.86 min Scan# 1592

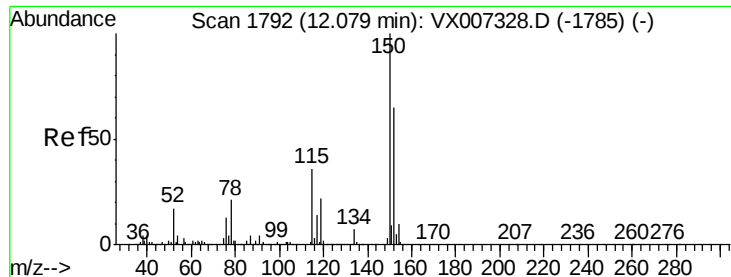
Delta R.T. 0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	173	Resp:	193284
Ion Ratio		Lower	Upper
173	100		
175	47.7	24.2	72.6
254	0.2	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: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

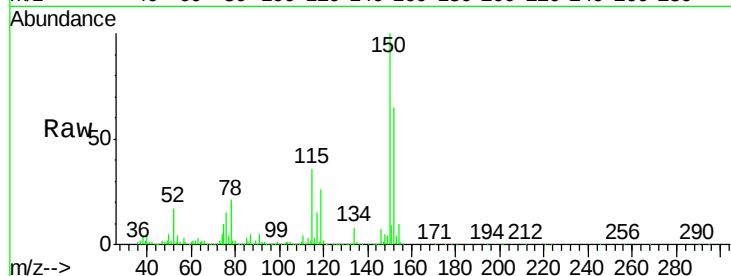
ClientSampleId :

BP-TT-MW202S-20190129MSD

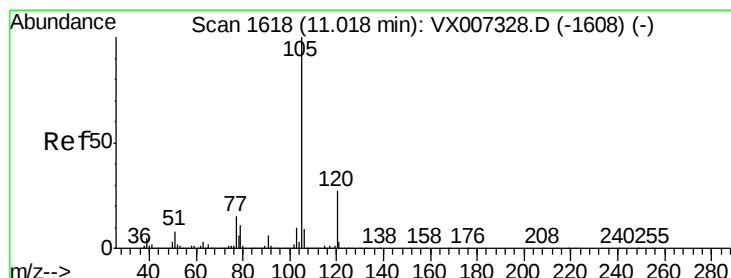
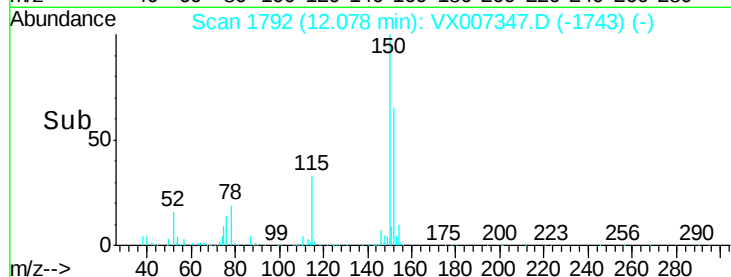
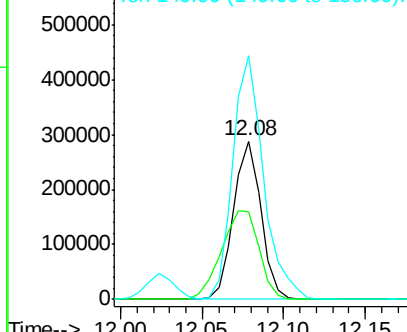
Tot Ion:	152	Resp:	336627
Ion Ratio	Lower	Upper	
152	100		
115	76.9	38.0	114.0
150	172.5	0.0	346.4

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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 49.134 ug/l

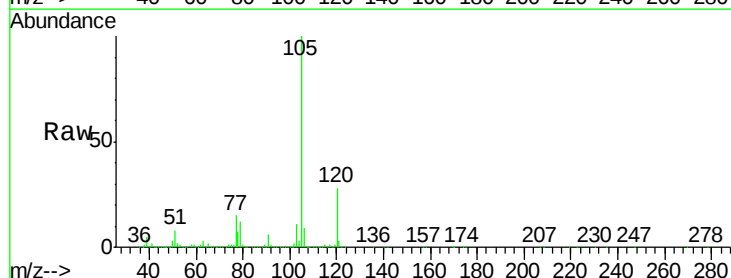
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

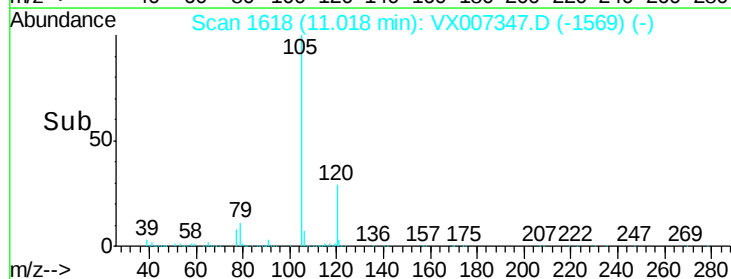
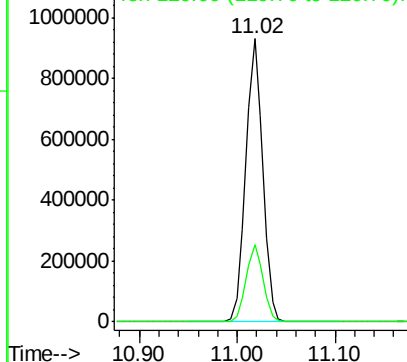
Lab File: VX007347.D

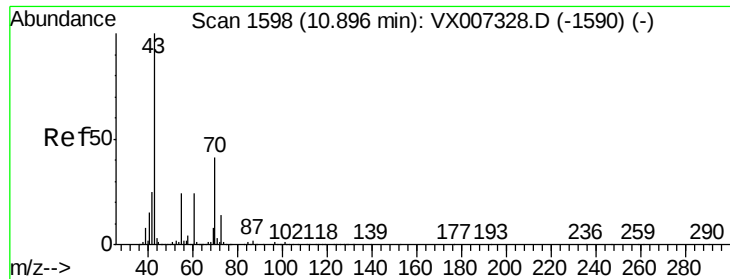
Acq: 01 Feb 2019 19:59

Tgt Ion:	105	Resp:	1123976
Ion Ratio	Lower	Upper	
105	100		
120	27.5	13.6	40.7



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





#74

N-amvl acetate

Concen: 46.279 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

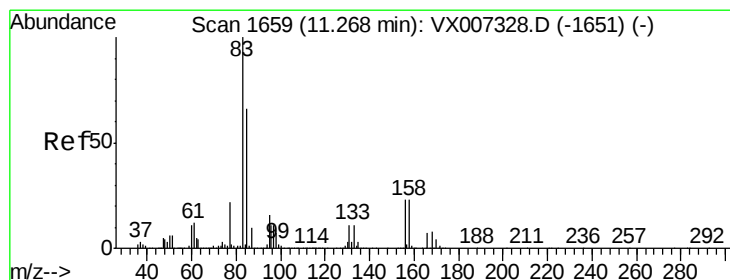
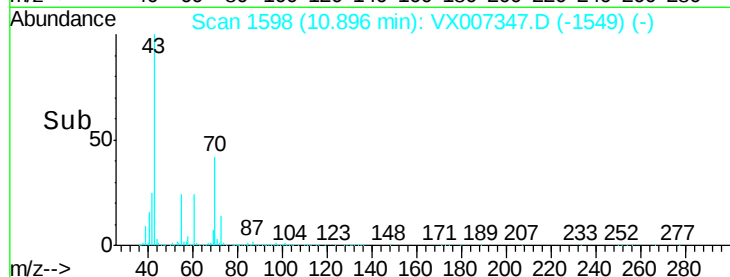
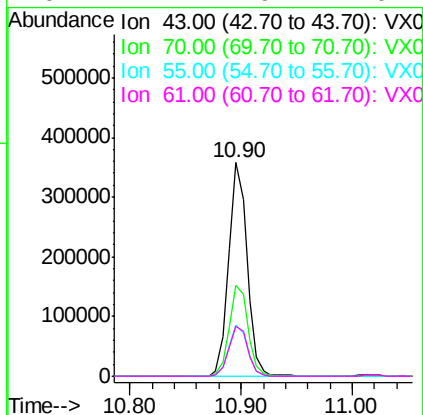
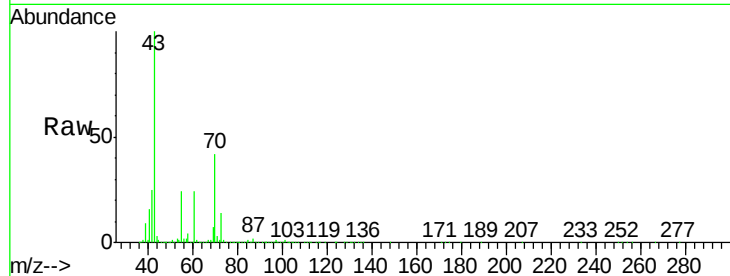
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		409475		
70	43.8	33.8	50.6		
55	24.7	19.5	29.3		
61	24.4	19.4	29.2		

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#75

1,1,2,2-Tetrachloroethane

Concen: 49.650 ug/l

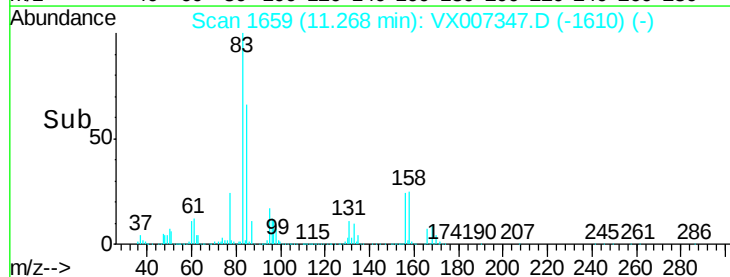
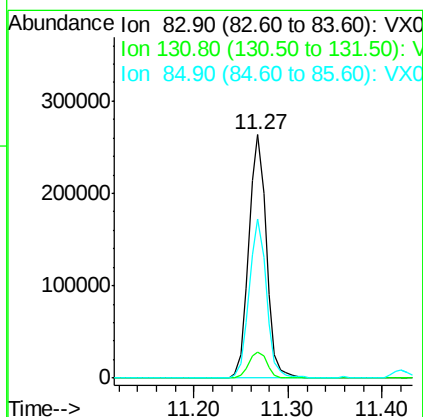
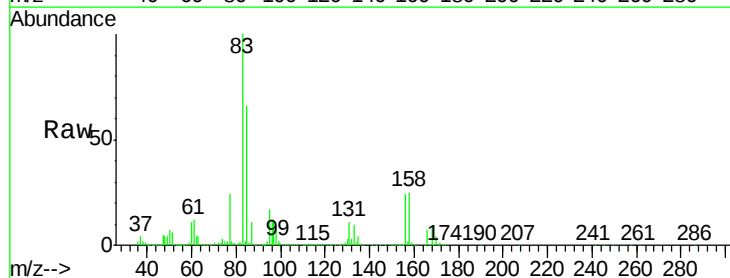
RT: 11.27 min Scan# 1659

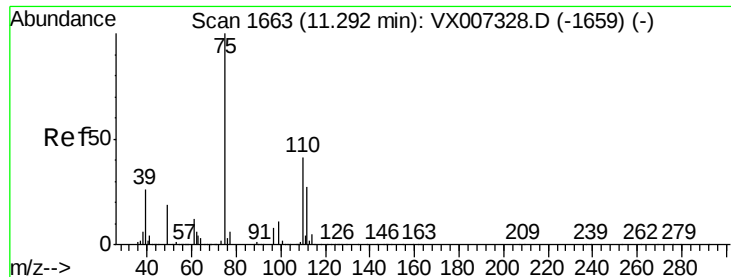
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		346138		
131	11.3	5.7	17.0		
85	64.5	32.8	98.3		





#76

1,2,3-Trichloropropane

Concen: 49.935 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 75 Resp: 326964

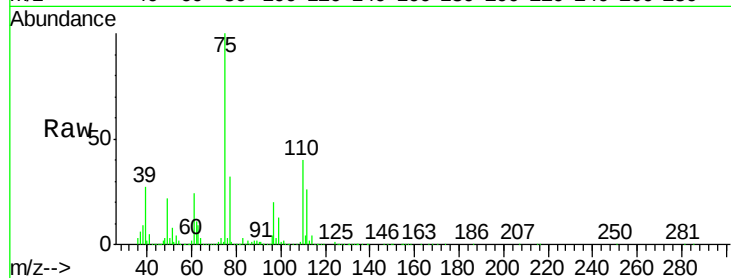
Ion Ratio Lower Upper

75 100

77 37.4 23.0 69.0

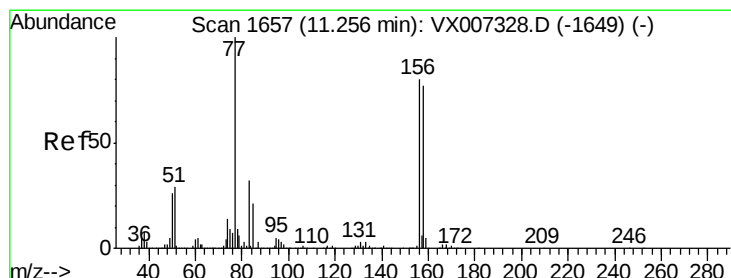
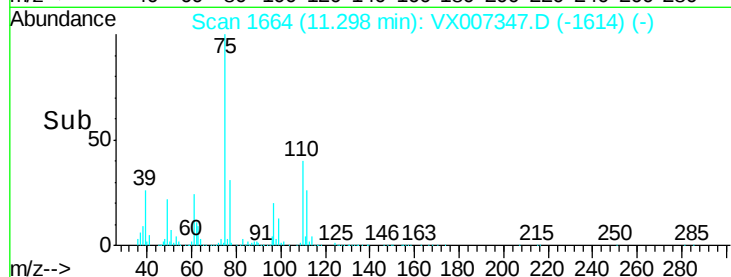
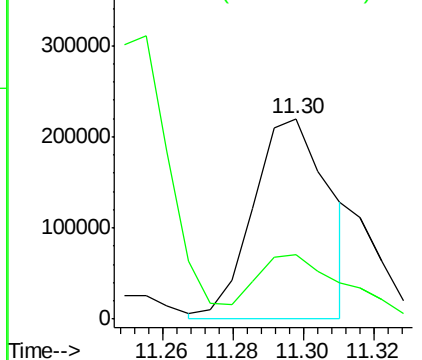
Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.216 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

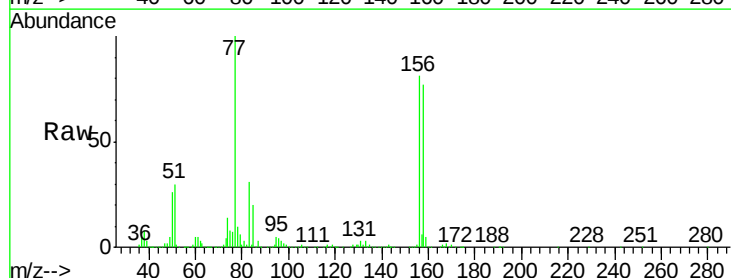
Tgt Ion: 156 Resp: 310769

Ion Ratio Lower Upper

156 100

77 132.5 66.8 200.6

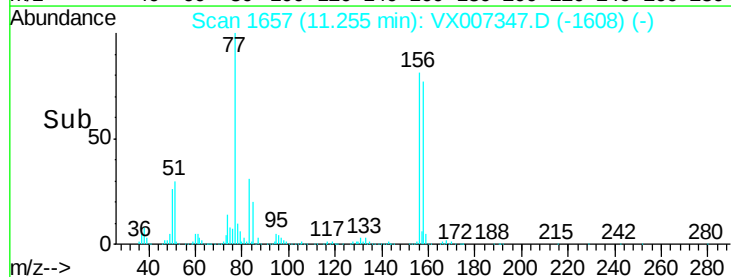
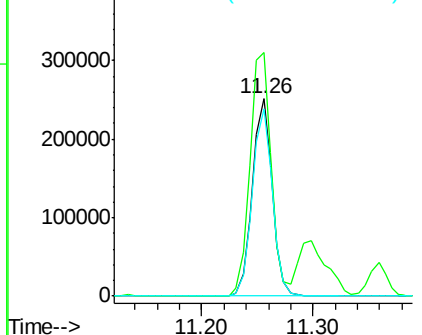
158 96.6 47.9 143.8

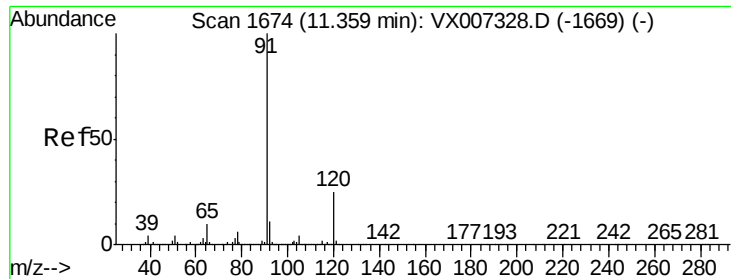


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.436 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion: 91 Resp: 1265176

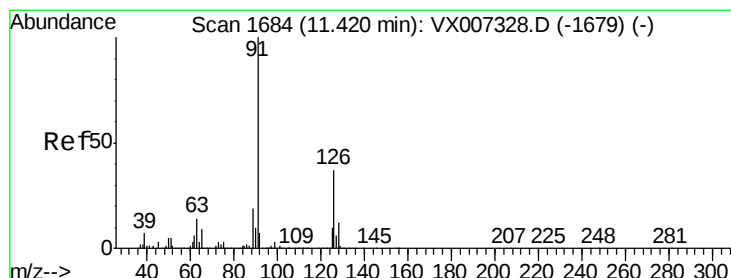
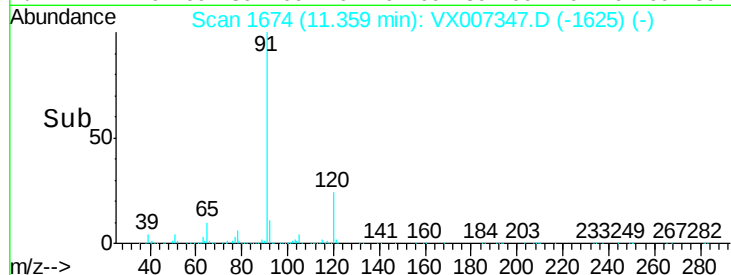
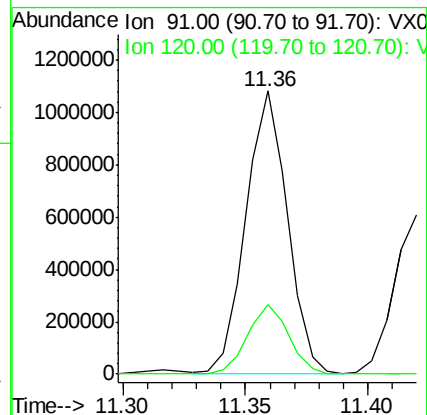
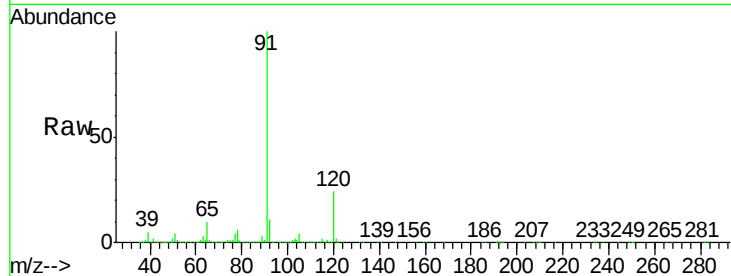
Ion Ratio Lower Upper

91 100

120 24.7 12.4 37.2

Manual Integrations
APPROVED

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2/4/2019 9:36:47 AM



#79

2-Chlorotoluene

Concen: 48.560 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007347.D

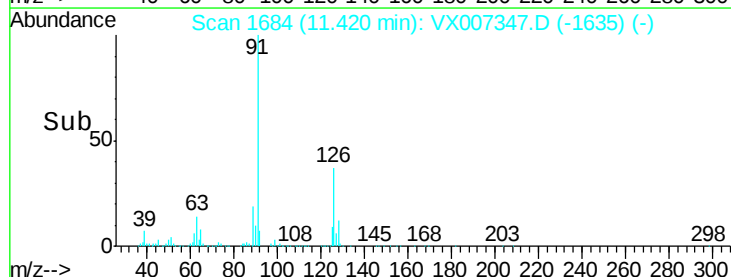
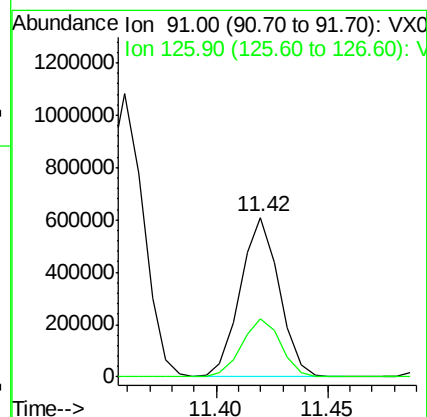
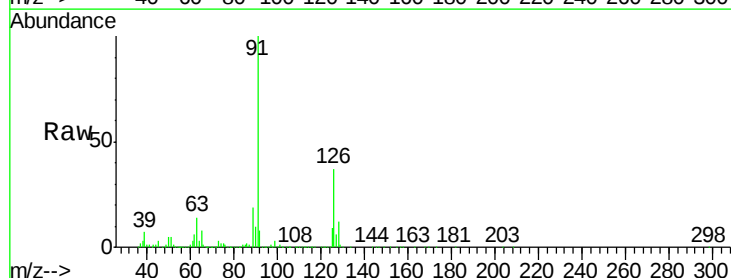
Acq: 01 Feb 2019 19:59

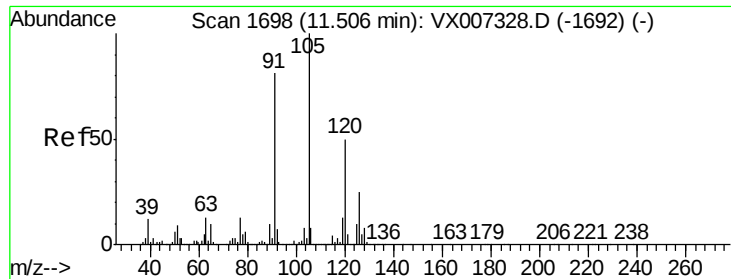
Tgt Ion: 91 Resp: 739121

Ion Ratio Lower Upper

91 100

126 37.1 18.7 56.1





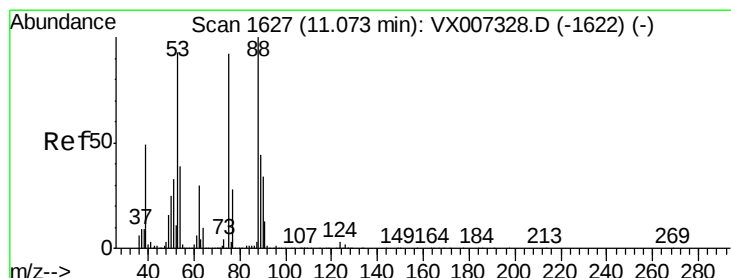
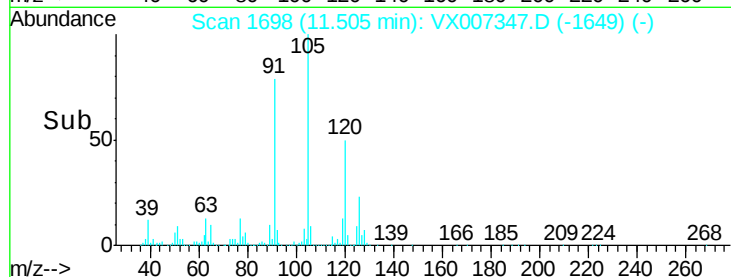
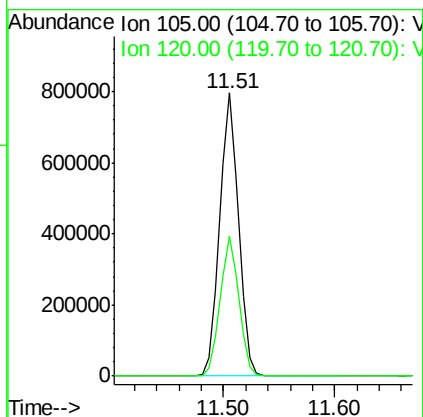
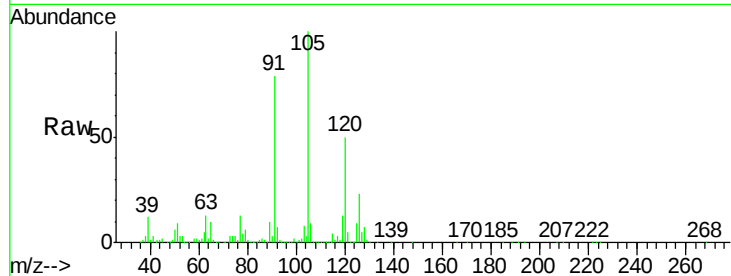
#80
 1,3,5-Trimethylbenzene
 Concen: 49.779 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.2	25.3	75.8

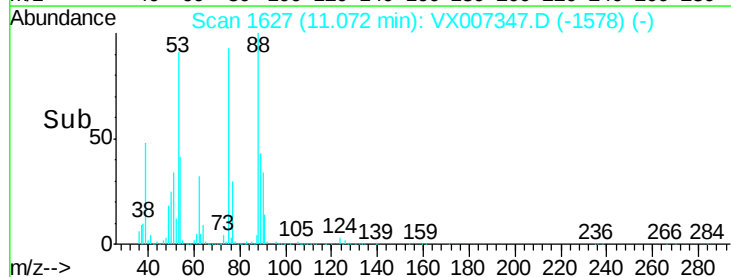
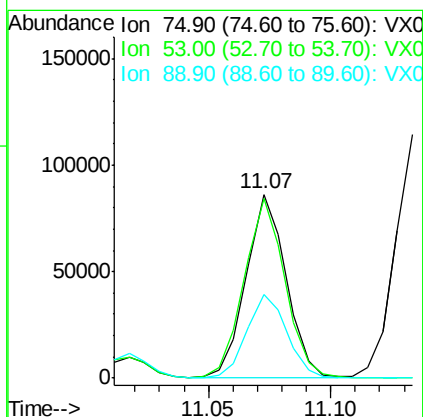
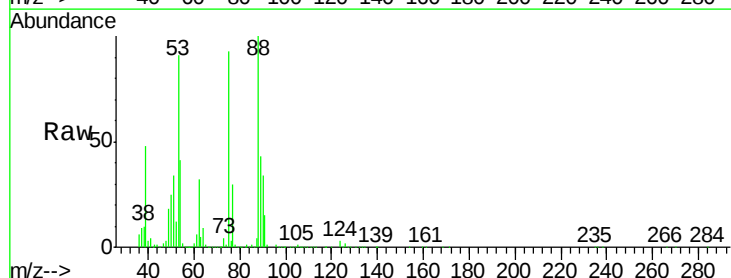
Manual Integrations
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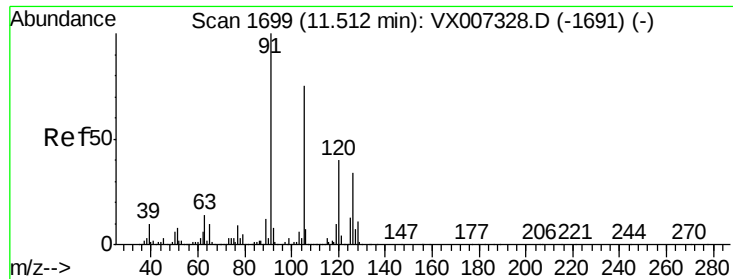
MMDadoda
 2/4/2019 9:36:47 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.482 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
75	100		
53	99.7	81.0	121.6
89	46.6	41.4	62.0





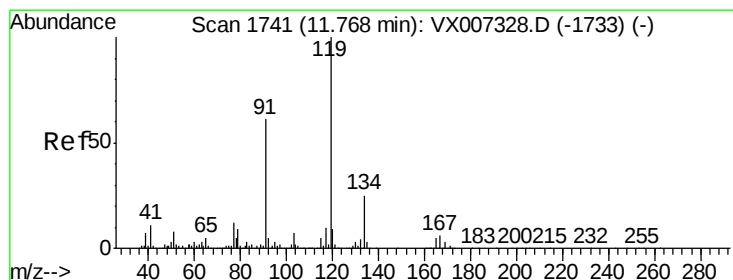
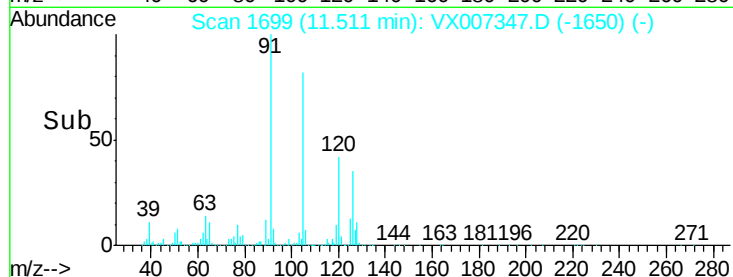
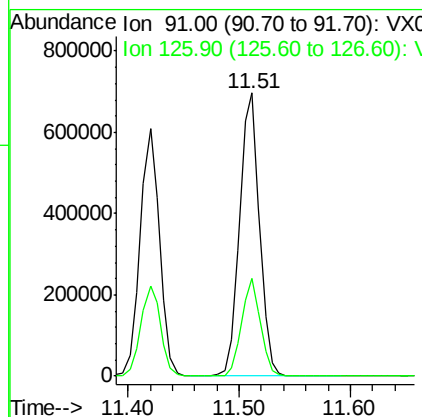
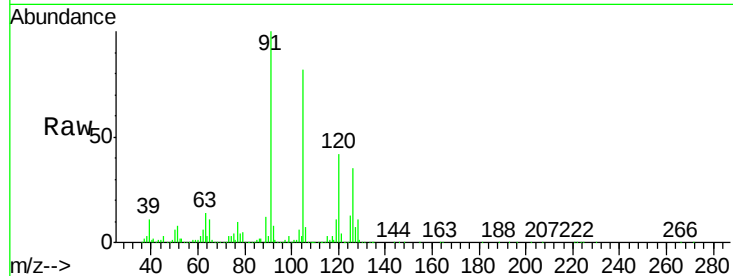
#82
4-Chlorotoluene
Concen: 48.727 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion: 91 Resp: 858187
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.5

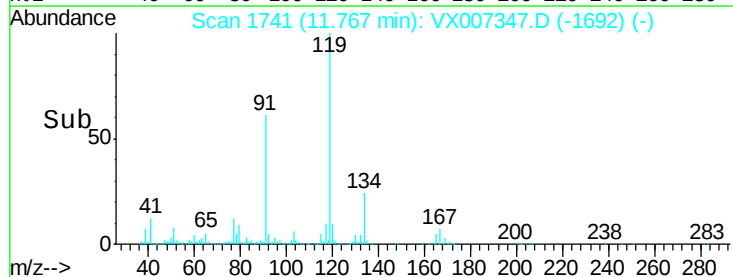
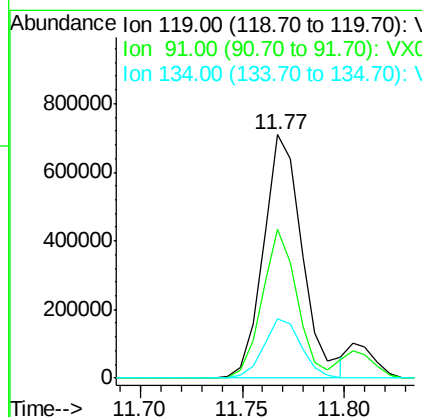
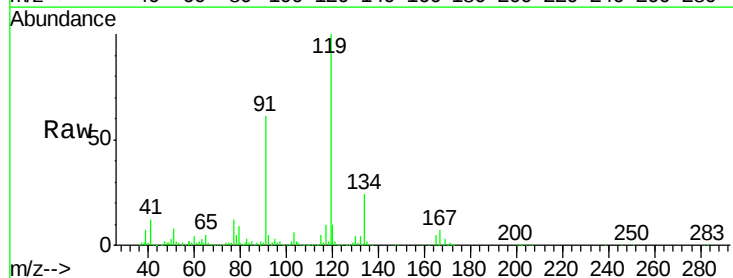
Manual Integrations
APPROVED

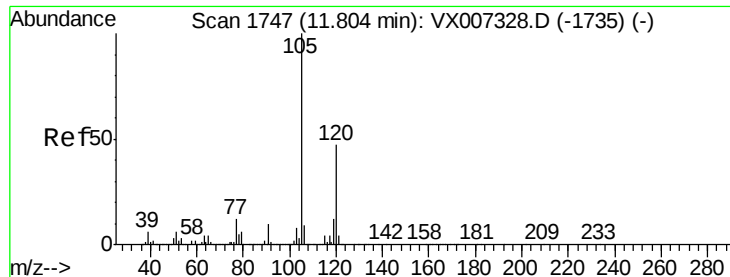
MMDadoda
2/4/2019 9:36:47 AM



#83
tert-Butylbenzene
Concen: 50.738 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion: 119 Resp: 940126
Ion Ratio Lower Upper
119 100
91 55.2 28.5 85.6
134 23.3 12.0 36.0





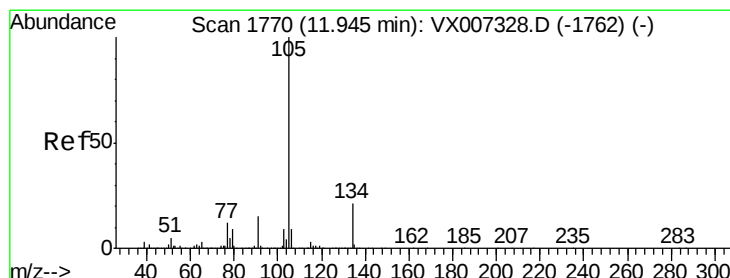
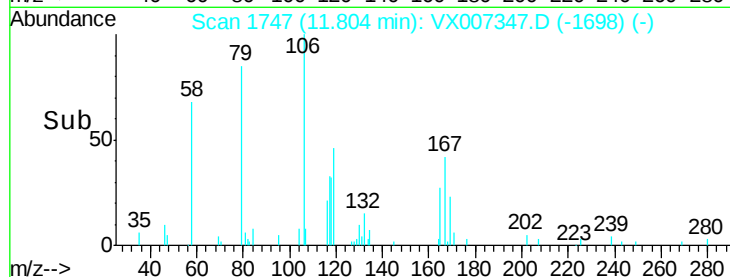
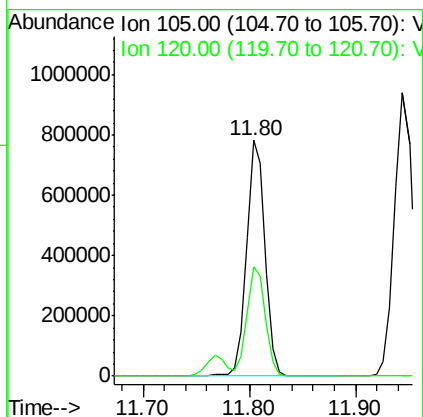
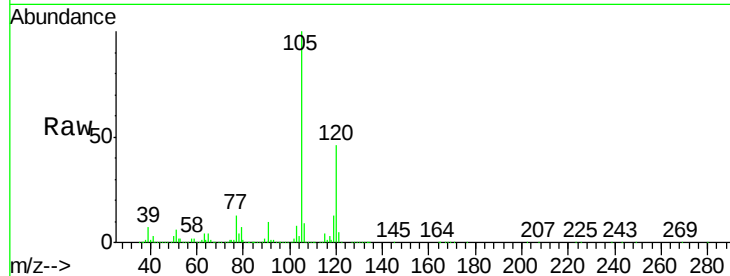
#84
1,2,4-Trimethylbenzene
Concen: 49.828 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.3

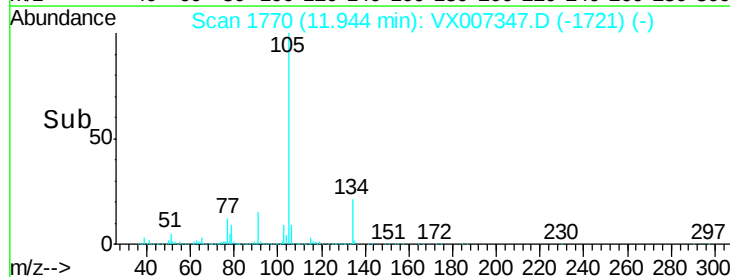
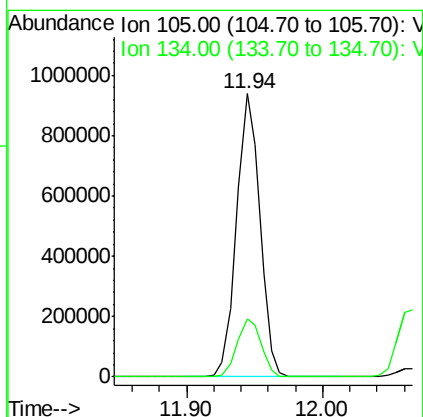
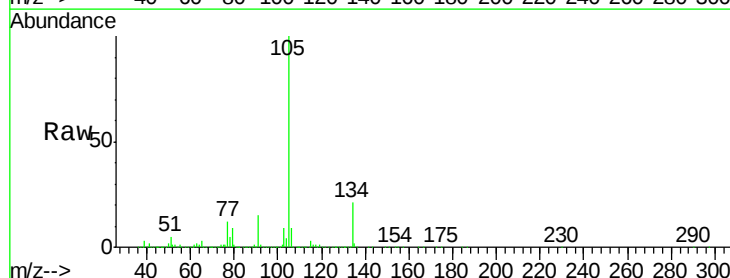
Manual Integrations
APPROVED

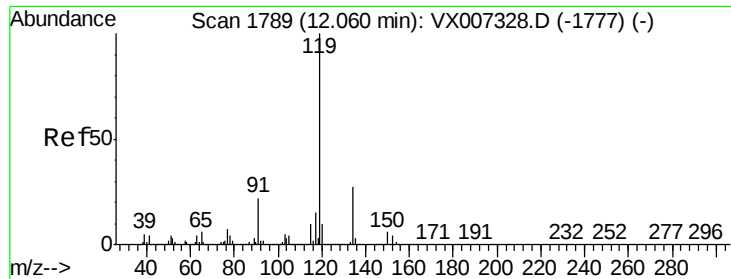
MMDadoda
2/4/2019 9:36:47 AM



#85
sec-Butylbenzene
Concen: 49.979 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.6	31.8





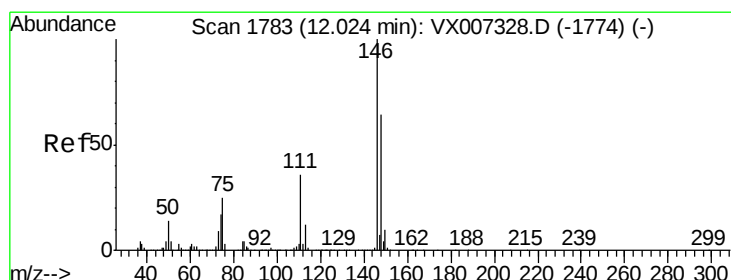
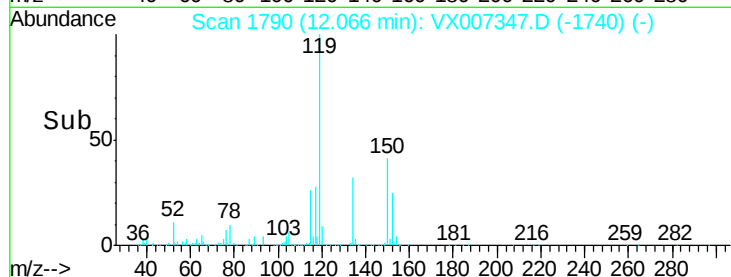
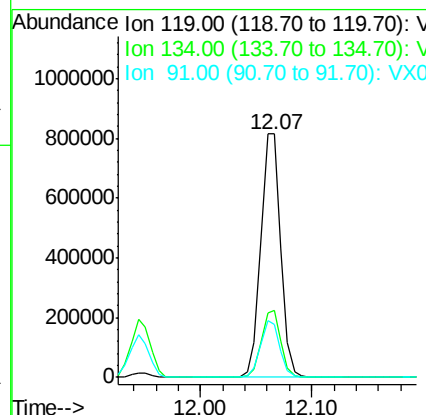
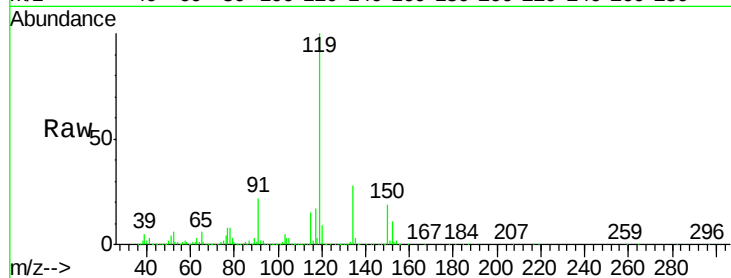
#86
 p-Isopropyltoluene
 Concen: 50.094 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.7	41.1
91	22.5	11.2	33.5

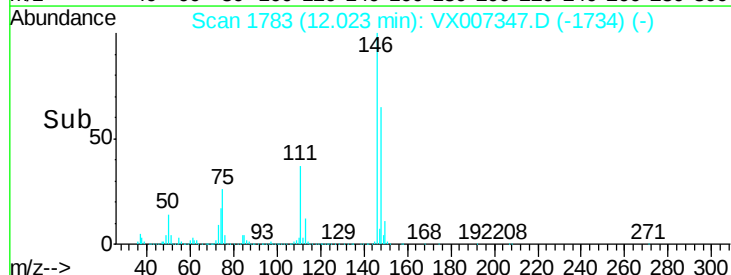
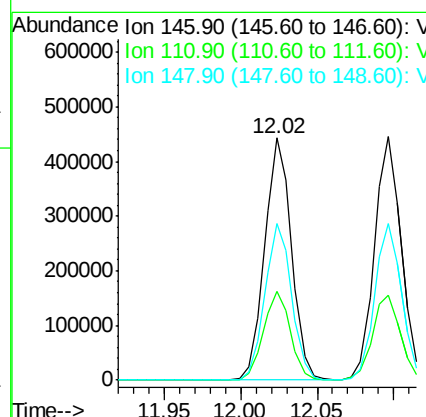
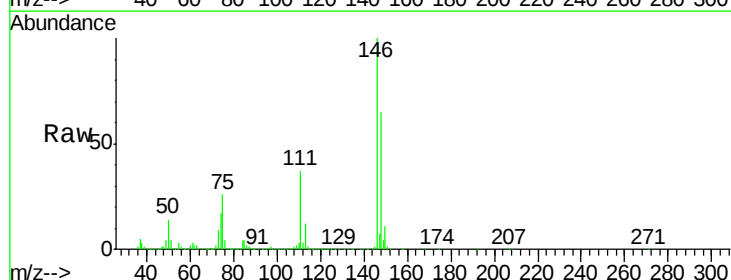
Manual Integrations
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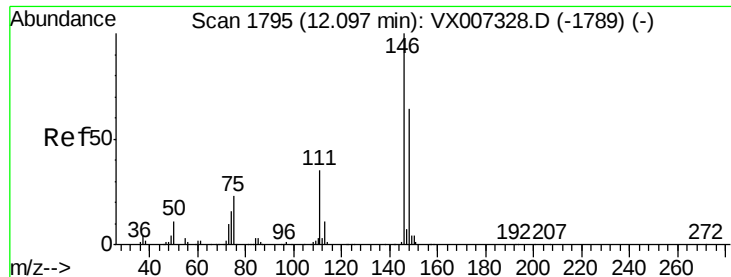
MMDadoda
 2/4/2019 9:36:47 AM



#87
 1,3-Dichlorobenzene
 Concen: 46.841 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.4	32.0	96.2





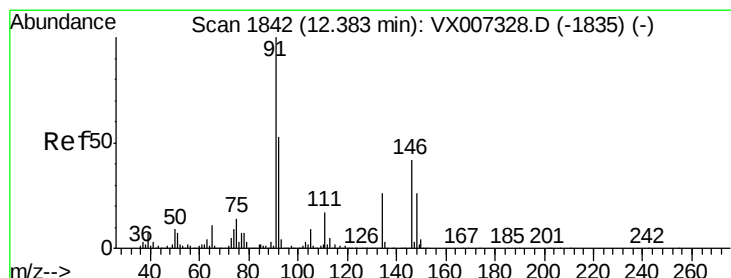
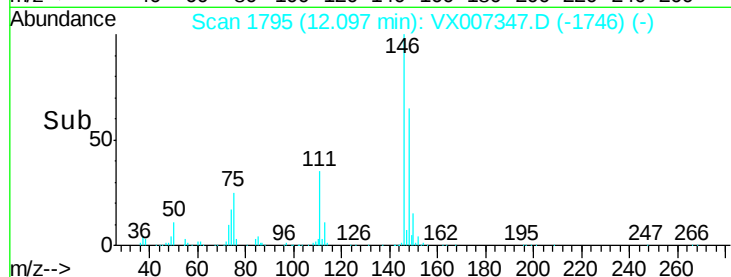
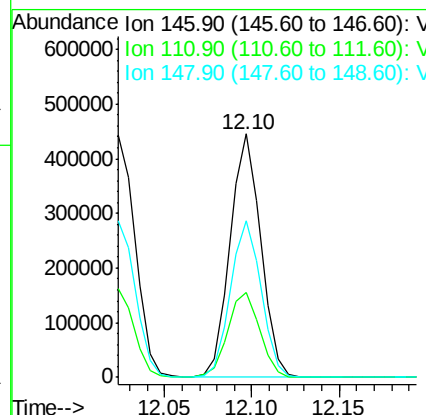
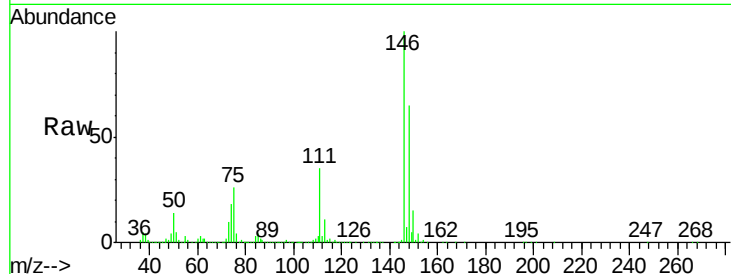
#88
 1,4-Dichlorobenzene
 Concen: 46.191 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.7	32.3	96.9

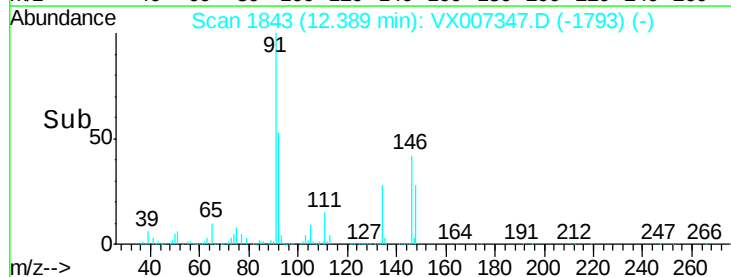
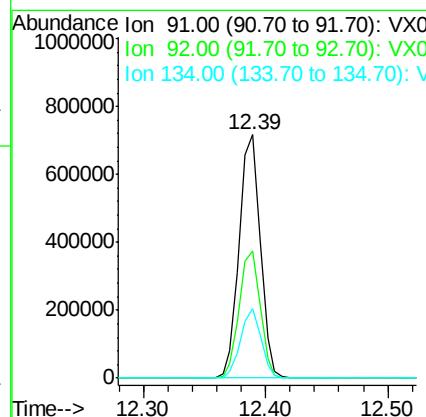
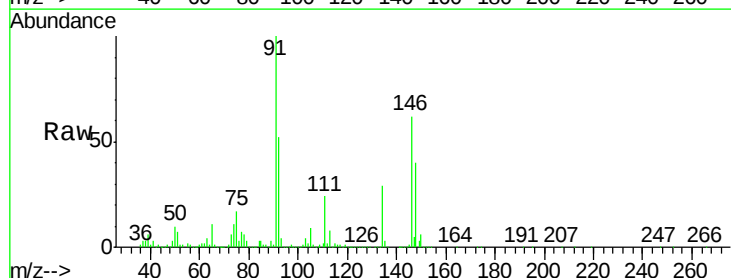
Manual Integrations
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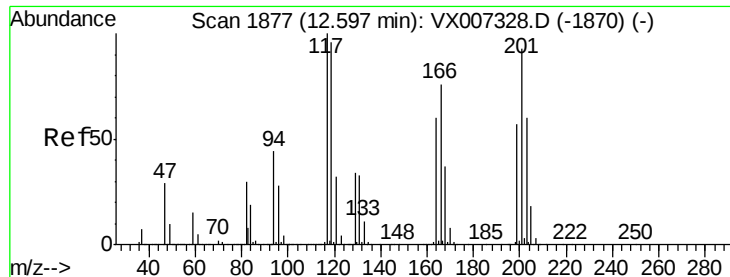
MMDadoda
 2/4/2019 9:36:47 AM



#89
 n-Butylbenzene
 Concen: 48.756 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	27.8	13.9	41.6





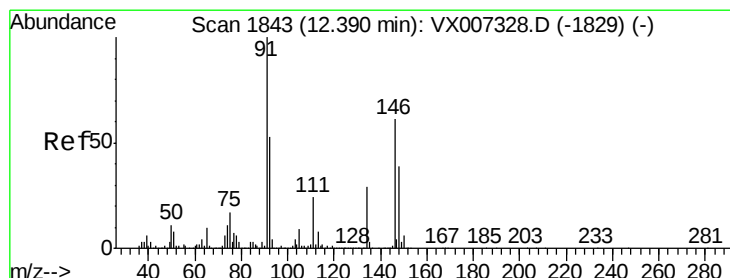
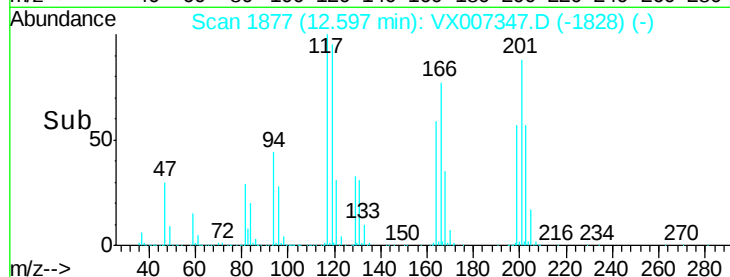
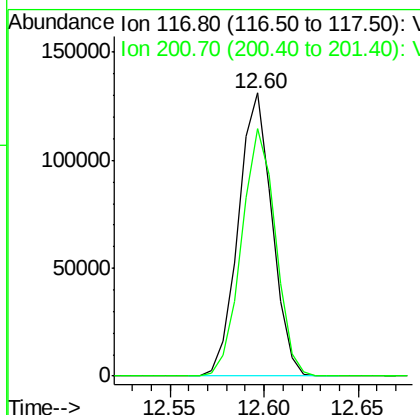
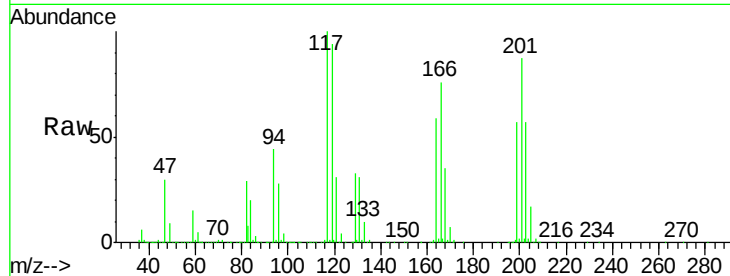
#90
Hexachloroethane
Concen: 53.876 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	163230		
201	87.9	44.9	134.7	

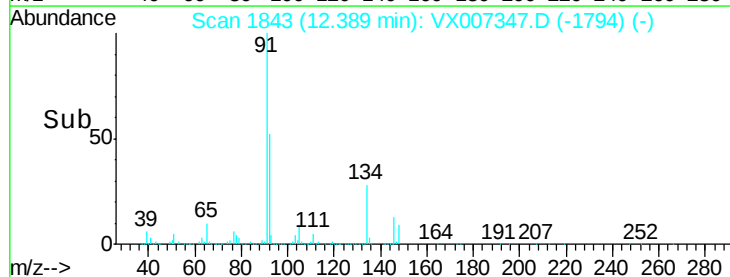
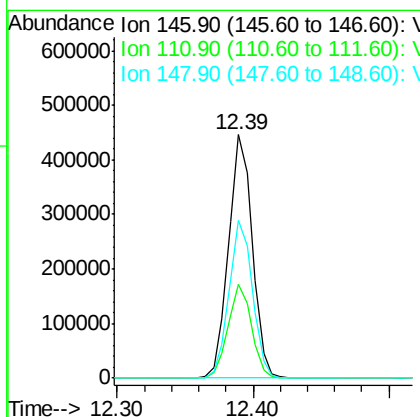
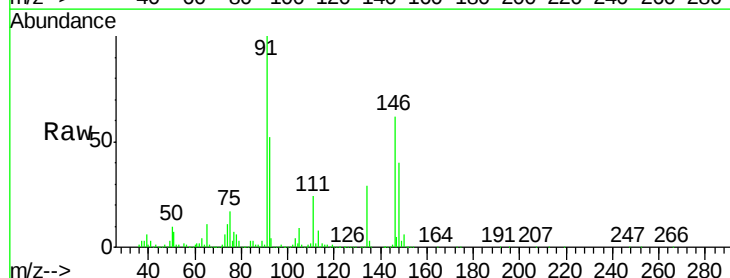
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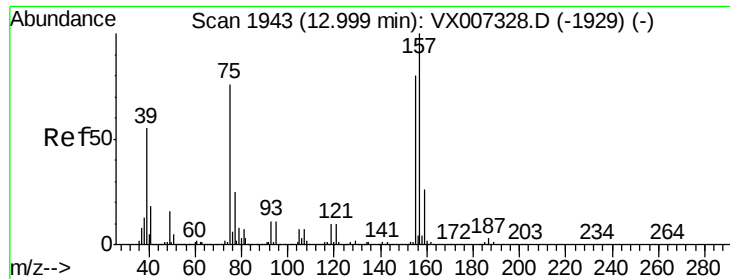
MMDadoda
2/4/2019 9:36:47 AM



#91
1,2-Dichlorobenzene
Concen: 46.869 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007347.D
Acq: 01 Feb 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	539532		
111	38.2	19.1	57.3	
148	64.7	32.1	96.3	





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.583 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

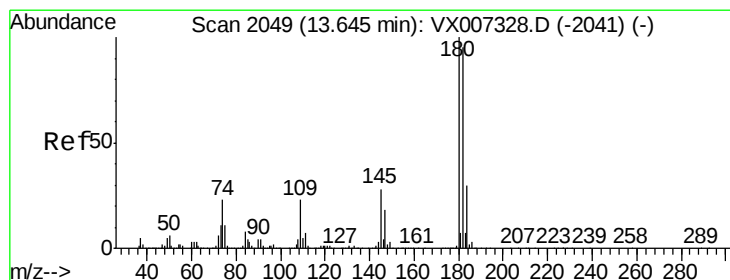
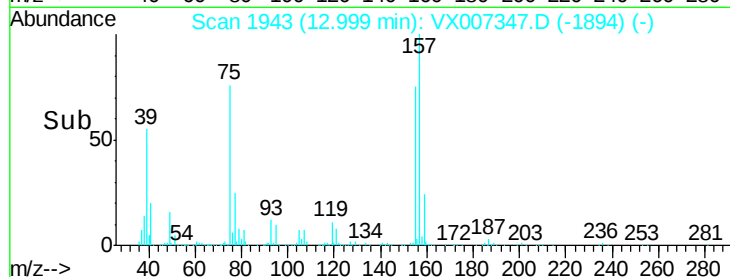
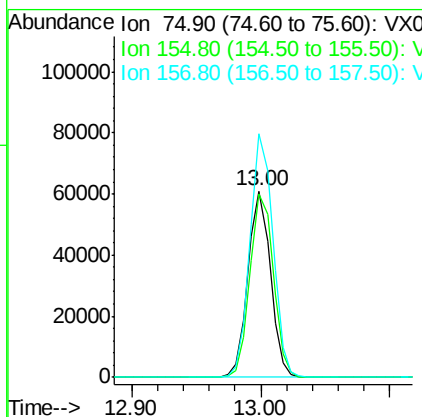
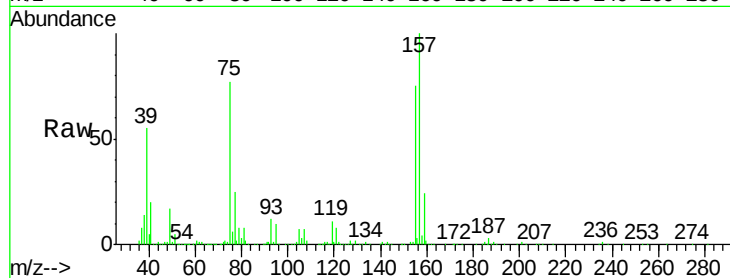
ClientSampleId :

BP-TT-MW202S-20190129MSD

Tot Ion:	75	Resp:	73325
Ion Ratio	Lower	Upper	
75	100		
155	102.2	49.6	149.0
157	133.1	65.1	195.3

Manual Integrations
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2/4/2019 9:36:47 AM



#93

1,2,4-Trichlorobenzene

Concen: 47.661 ug/l

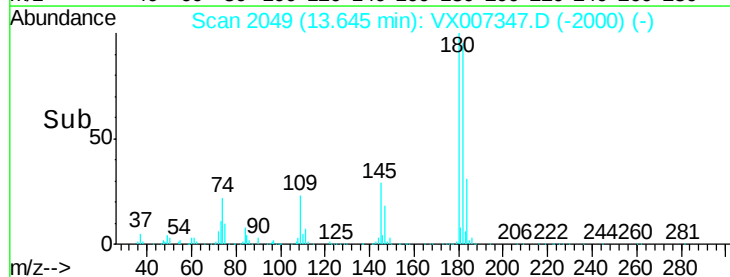
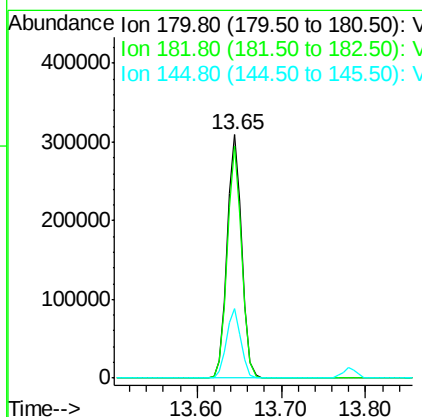
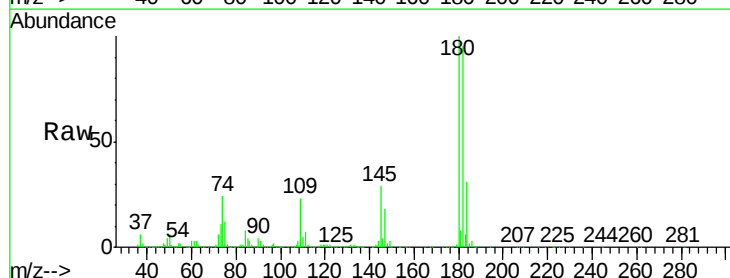
RT: 13.65 min Scan# 2049

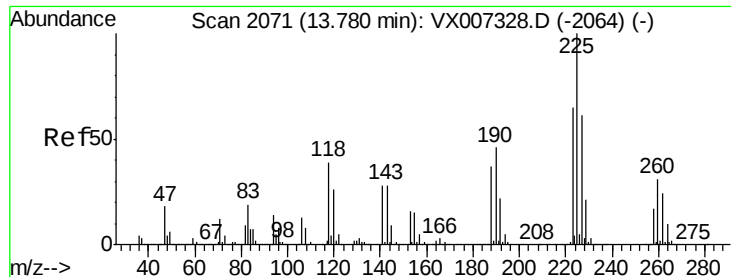
Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Tgt Ion:	180	Resp:	370003
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.8	143.3
145	28.5	14.1	42.2





#94

Hexachlorobutadiene

Concen: 45.686 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX007347.D

Acq: 01 Feb 2019 19:59

Instrument :

MSVOA_X

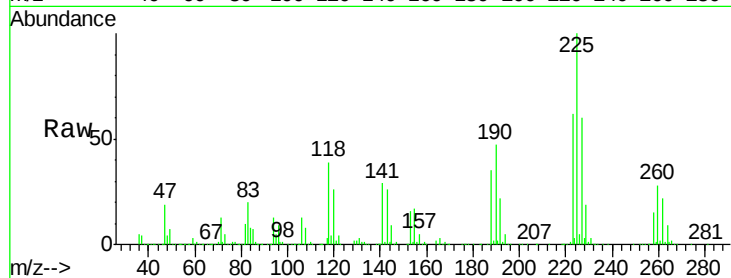
ClientSampleId :

BP-TT-MW202S-20190129MSD

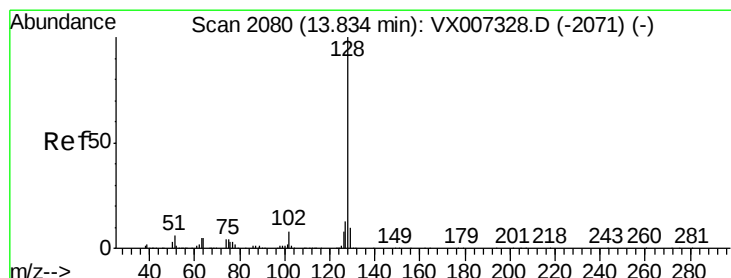
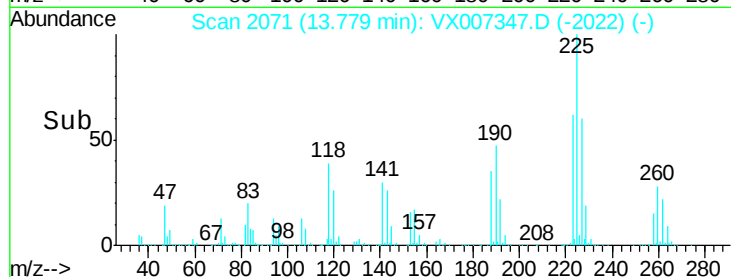
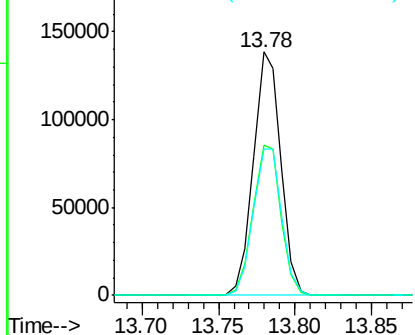
Tot Ion:	225	Resp:	172219
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.6	94.8
227	62.5	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
2/4/2019 9:36:47 AM



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



#95

Naphthalene

Concen: 50.455 ug/l

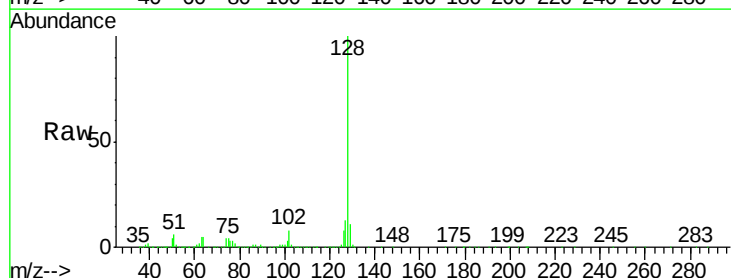
RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

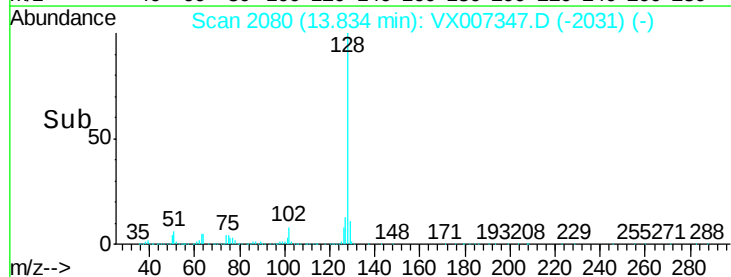
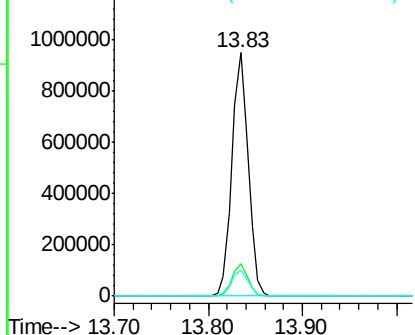
Lab File: VX007347.D

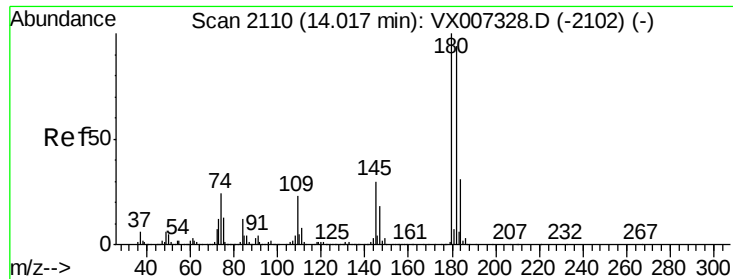
Acq: 01 Feb 2019 19:59

Tgt Ion:	128	Resp:	1145434
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.9	8.7	13.1



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





#96
 1,2,3-Trichlorobenzene
 Concen: 47.035 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007347.D
 Acq: 01 Feb 2019 19:59

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

Tot Ion:	180	Resp:	367550
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.5	142.6
145	30.7	14.9	44.5

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:36:47 AM

